

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034101.D
 Acq On : 09 Feb 2023 13:20
 Operator : JC/MD
 Sample : VX0211MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 09 13:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60854	46.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.220%		
35) Dibromofluoromethane	5.379	113	54128	46.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.860%		
50) Toluene-d8	8.647	98	188837	45.445	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.880%#		
62) 4-Bromofluorobenzene	11.079	95	69655	46.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20387	18.318	ug/l	96
3) Chloromethane	1.294	50	16540	15.749	ug/l	100
4) Vinyl Chloride	1.374	62	17340	15.765	ug/l	98
5) Bromomethane	1.611	94	10676	18.849	ug/l	99
6) Chloroethane	1.691	64	10270	16.885	ug/l	99
7) Trichlorofluoromethane	1.892	101	32087	18.335	ug/l	94
8) Diethyl Ether	2.130	74	10682	17.747	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	20873	17.865	ug/l	90
10) Methyl Iodide	2.453	142	27277	16.479	ug/l	94
11) Tert butyl alcohol	2.953	59	18168	98.252	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	19112	17.050	ug/l	92
13) Acrolein	2.233	56	21888	88.252	ug/l	99
14) Allyl chloride	2.666	41	31337	17.146	ug/l	92
15) Acrylonitrile	3.062	53	51697	87.155	ug/l	99
16) Acetone	2.373	43	47196	84.664	ug/l	96
17) Carbon Disulfide	2.514	76	45562	16.020	ug/l	100
18) Methyl Acetate	2.697	43	31657	18.256	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	65311	18.894	ug/l	98
20) Methylene Chloride	2.788	84	21869	17.148	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	21271	17.422	ug/l	97
22) Diisopropyl ether	3.757	45	64332	17.837	ug/l	91
23) Vinyl Acetate	3.715	43	246148	89.623	ug/l	97
24) 1,1-Dichloroethane	3.605	63	37091	17.841	ug/l	99
25) 2-Butanone	4.550	43	69534	85.663	ug/l	92
26) 2,2-Dichloropropane	4.471	77	28221	18.609	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25161	17.916	ug/l	95
28) Bromochloromethane	4.891	49	17291	18.918	ug/l	85
29) Tetrahydrofuran	5.001	42	44635	86.458	ug/l	94
30) Chloroform	5.086	83	40212	18.559	ug/l	97
31) Cyclohexane	5.464	56	33153	17.249	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	35917	19.249	ug/l	97
36) 1,1-Dichloropropene	5.690	75	29740	18.808	ug/l	98
37) Ethyl Acetate	4.708	43	26439	17.949	ug/l	98
38) Carbon Tetrachloride	5.672	117	32139	19.057	ug/l	99
39) Methylcyclohexane	7.379	83	36133	18.153	ug/l	95
40) Benzene	6.037	78	84827	18.541	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	15210	18.348	ug/l	95
42) 1,2-Dichloroethane	6.086	62	31070	19.985	ug/l	98
43) Isopropyl Acetate	6.336	43	43556	18.960	ug/l	97
44) Trichloroethene	7.123	130	26081	18.548	ug/l	93
45) 1,2-Dichloropropane	7.427	63	21051	18.636	ug/l	97
46) Dibromomethane	7.580	93	15821	19.549	ug/l	95
47) Bromodichloromethane	7.818	83	29551	19.270	ug/l #	92
48) Methyl methacrylate	7.690	41	22583	19.040	ug/l	94
49) 1,4-Dioxane	7.665	88	9878	432.658	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	135537	94.060	ug/l	97
52) Toluene	8.720	92	54851	18.499	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29111	18.884	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33454	19.074	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23287	19.663	ug/l	94
56) Ethyl methacrylate	9.116	69	31539	19.067	ug/l	98
57) 1,3-Dichloropropane	9.305	76	37215	19.236	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	70055	91.026	ug/l	97
59) 2-Hexanone	9.427	43	100266	95.083	ug/l	98
60) Dibromochloromethane	9.519	129	25917	19.745	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24534	19.265	ug/l	100
64) Tetrachloroethene	9.275	164	25103	18.627	ug/l	96
65) Chlorobenzene	10.079	112	61823	18.547	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23895	18.970	ug/l	99
67) Ethyl Benzene	10.195	91	105826	18.757	ug/l	98
68) m/p-Xylenes	10.299	106	84392	37.422	ug/l	99
69) o-Xylene	10.640	106	40460	18.681	ug/l	97
70) Styrene	10.653	104	67352	18.881	ug/l	99
71) Bromoform	10.799	173	19978	19.444	ug/l #	99
73) Isopropylbenzene	10.963	105	108249	18.639	ug/l	100
74) N-amyl acetate	10.842	43	34450	18.006	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	31388	17.963	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	26177m	17.544	ug/l	
77) Bromobenzene	11.195	156	29939	18.591	ug/l	95
78) n-propylbenzene	11.305	91	119884	18.670	ug/l	99
79) 2-Chlorotoluene	11.366	91	71327	18.345	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	91770	18.984	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8437	17.414	ug/l	96
82) 4-Chlorotoluene	11.451	91	82352	18.727	ug/l	99
83) tert-Butylbenzene	11.713	119	93217	18.665	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	90867	18.815	ug/l	99
85) sec-Butylbenzene	11.890	105	112277	18.790	ug/l	99
86) p-Isopropyltoluene	12.006	119	99839	19.051	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	54216	18.348	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	54270	18.090	ug/l	97
89) n-Butylbenzene	12.335	91	75970	18.489	ug/l	99
90) Hexachloroethane	12.536	117	15234	18.465	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	53304	18.496	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6502	18.923	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	38009	18.666	ug/l	99
94) Hexachlorobutadiene	13.725	225	18867	18.719	ug/l	99
95) Naphthalene	13.774	128	105920	18.933	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38548	18.846	ug/l	100

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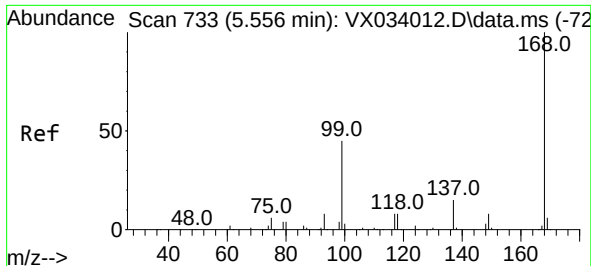
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

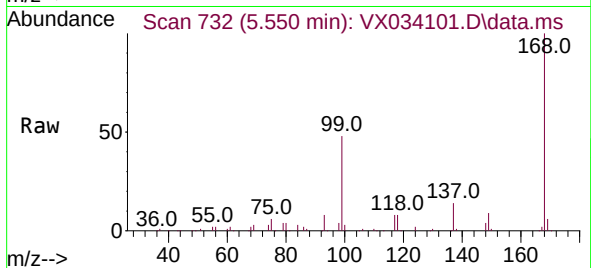
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034101.D
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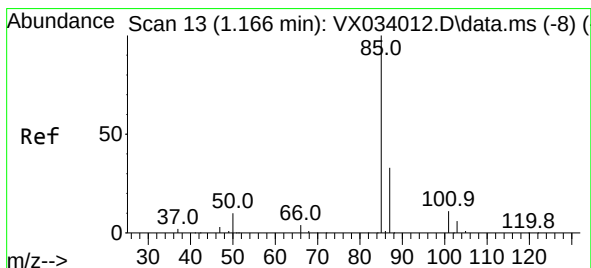
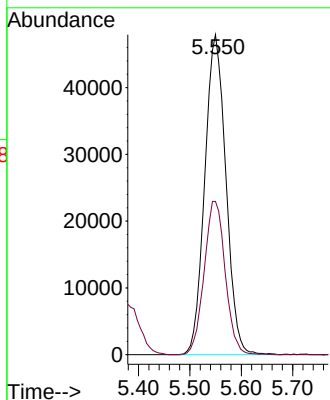
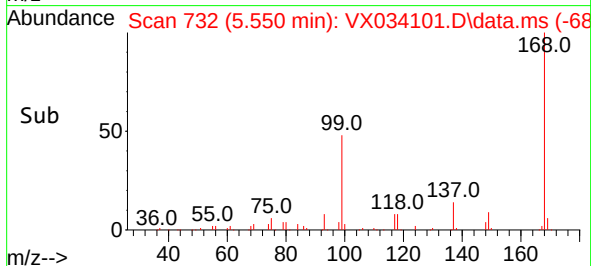
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



Tgt Ion:168 Resp: 136900
Ion Ratio Lower Upper
168 100
99 47.9 39.6 59.4

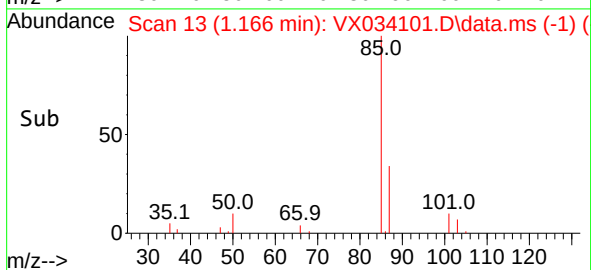
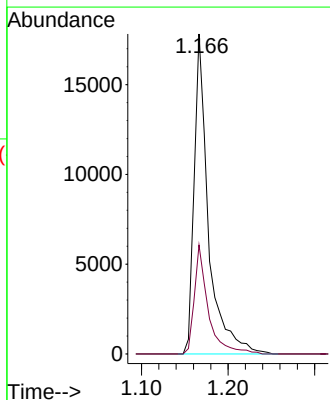
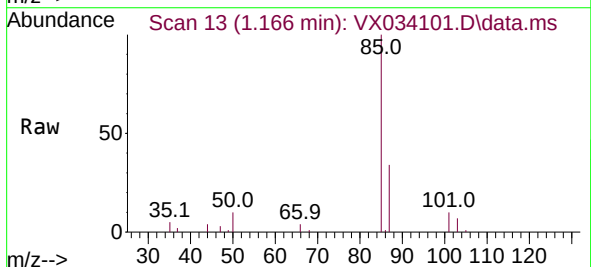
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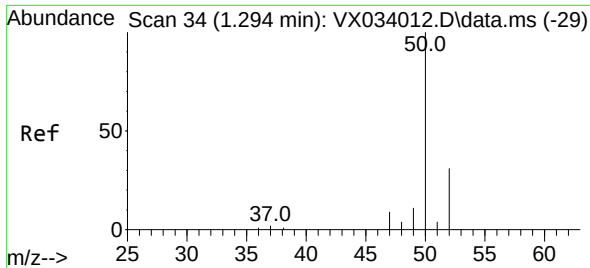
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#2
Dichlorodifluoromethane
Concen: 18.318 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion: 85 Resp: 20387
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4





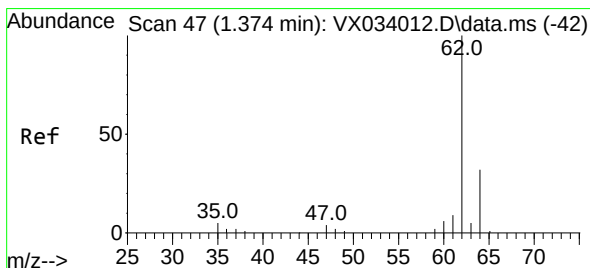
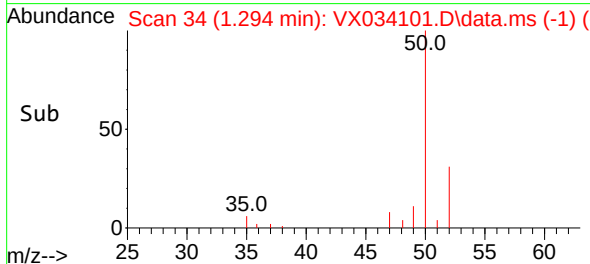
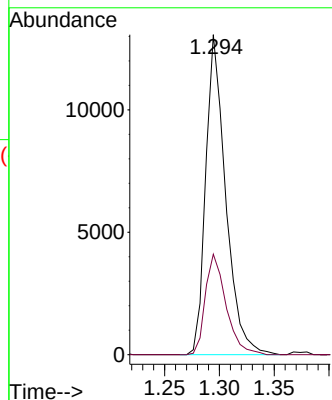
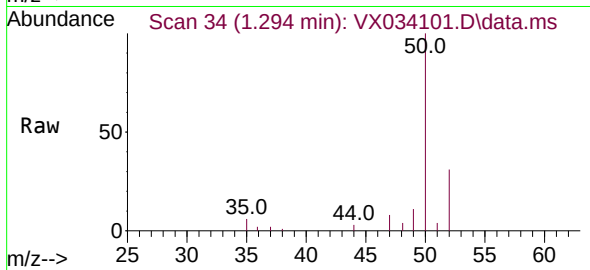
#3
Chloromethane
Concen: 15.749 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
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ClientSampleId :
VX0211MBSD01

Tgt Ion: 50 Resp: 16540
Ion Ratio Lower Upper
50 100
52 31.4 25.2 37.8

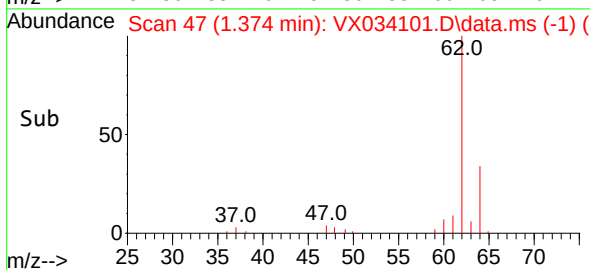
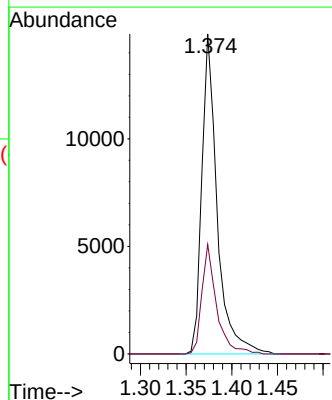
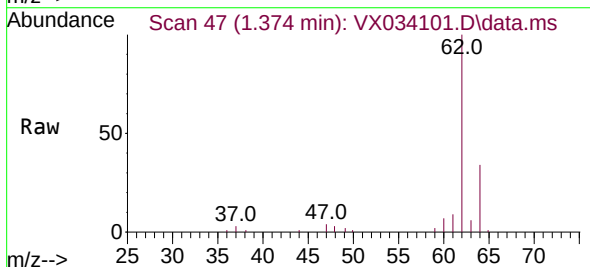
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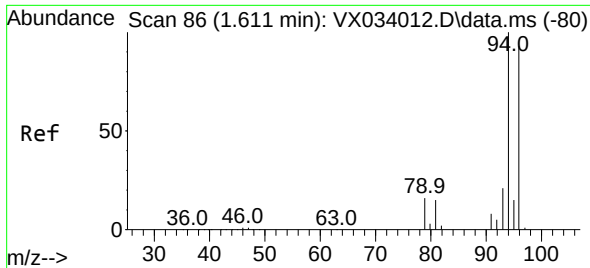
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#4
Vinyl Chloride
Concen: 15.765 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion: 62 Resp: 17340
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.4





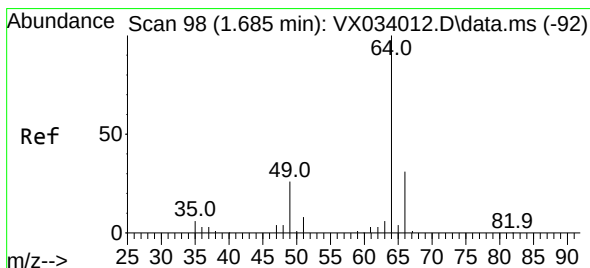
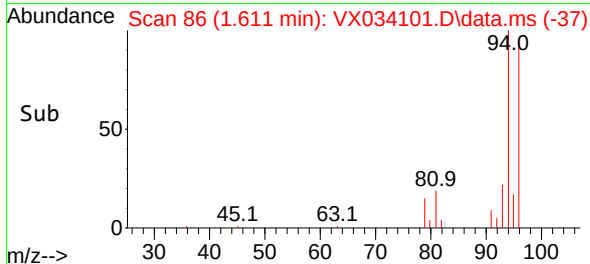
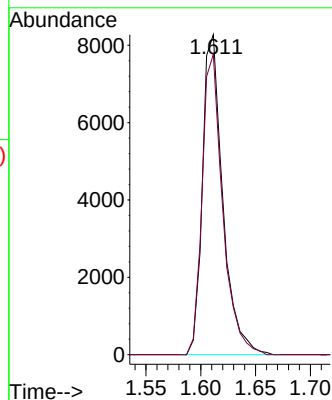
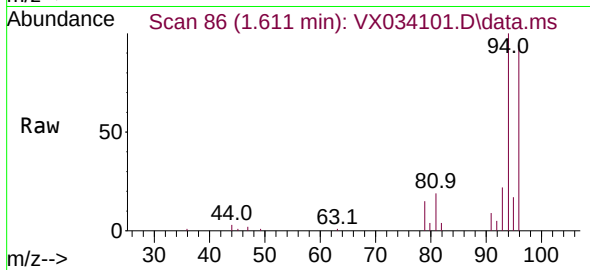
#5
Bromomethane
Concen: 18.849 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 10670
Ion Ratio Lower Upper
94 100
96 93.9 74.3 111.5

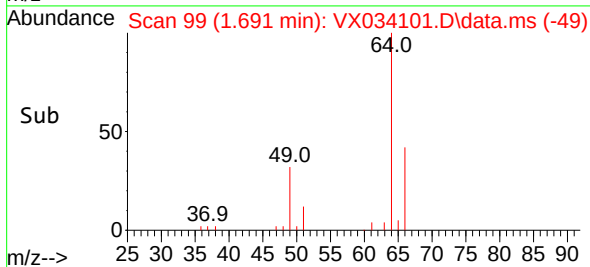
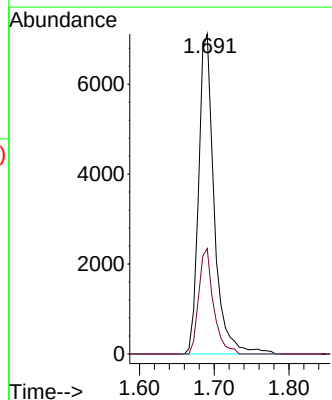
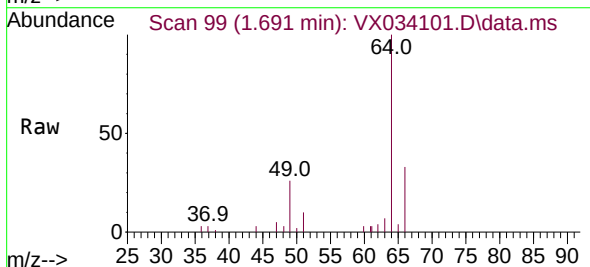
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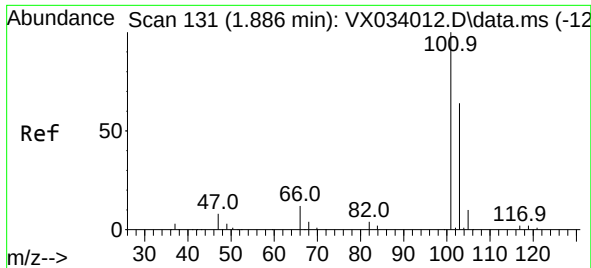
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#6
Chloroethane
Concen: 16.885 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion: 64 Resp: 10270
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1





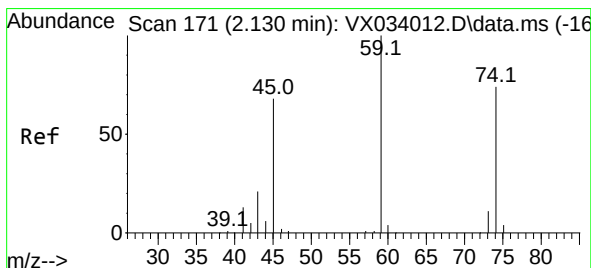
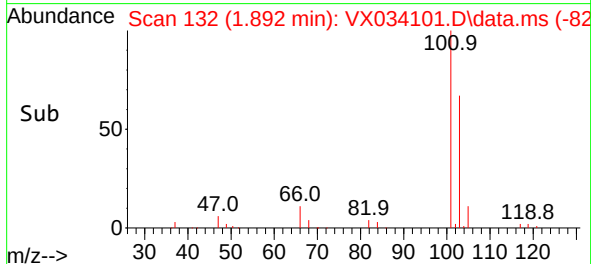
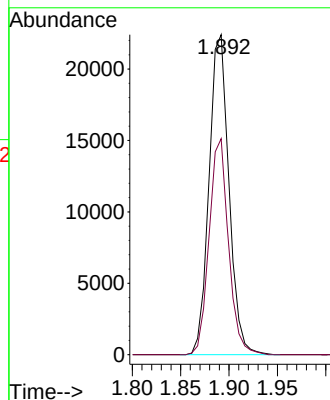
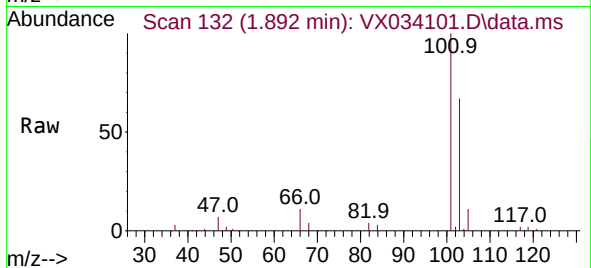
#7
Trichlorofluoromethane
Concen: 18.335 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion:101 Resp: 3208
Ion Ratio Lower Upper
101 100
103 67.5 50.6 75.8

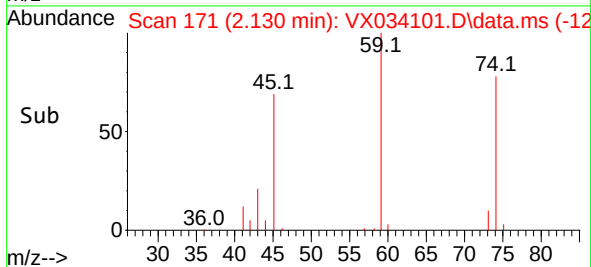
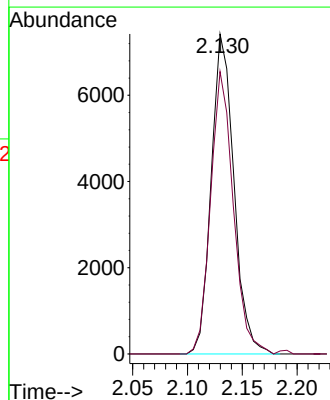
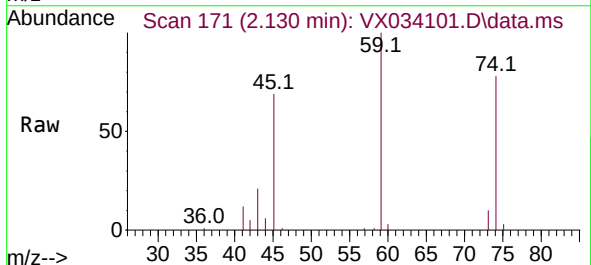
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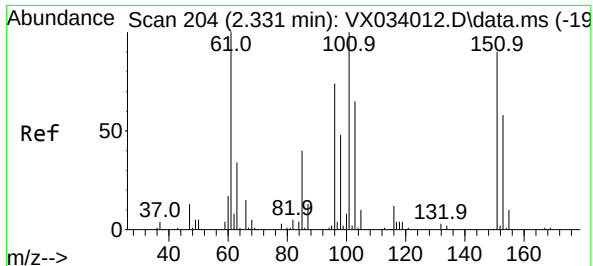
Reviewed By :John Carlone 02/09/2023
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#8
Diethyl Ether
Concen: 17.747 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion: 74 Resp: 10682
Ion Ratio Lower Upper
74 100
45 88.6 51.5 154.5





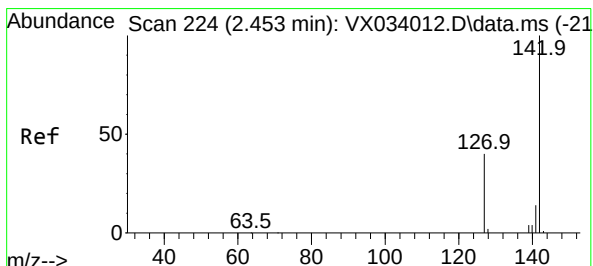
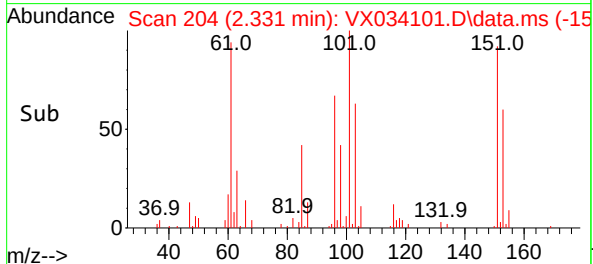
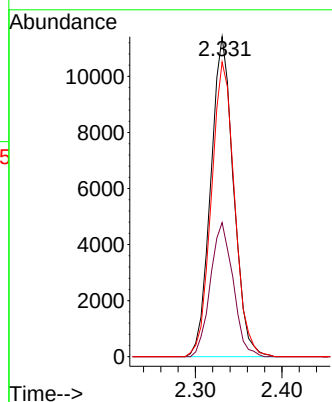
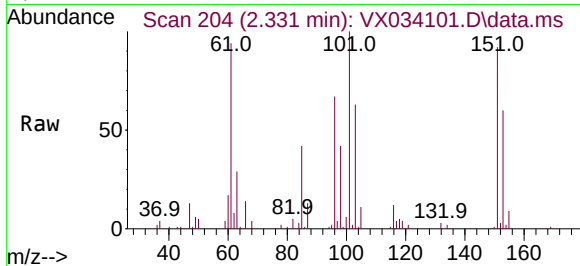
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.865 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion:101 Resp: 2087
Ion Ratio Lower Upper
101 100
85 41.6 36.7 55.1
151 93.6 66.5 99.7

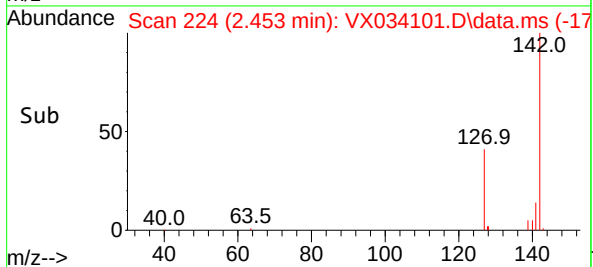
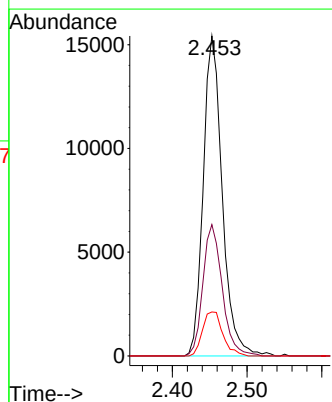
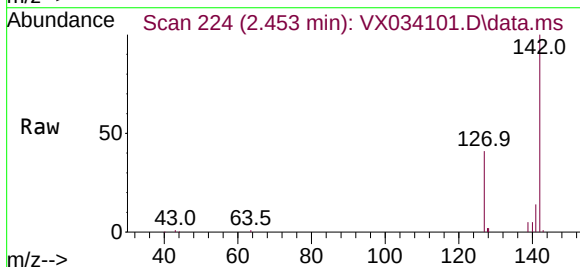
Manual Integrations
APPROVED

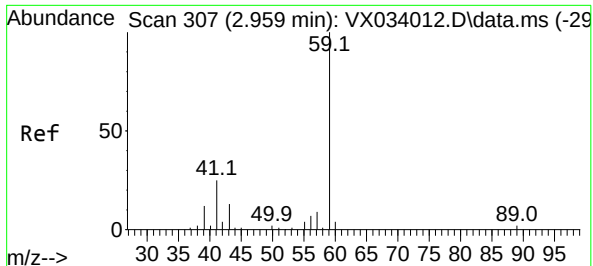
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#10
Methyl Iodide
Concen: 16.479 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion:142 Resp: 27277
Ion Ratio Lower Upper
142 100
127 41.7 37.3 55.9
141 14.7 11.5 17.3





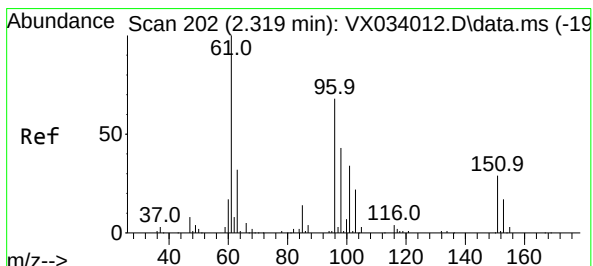
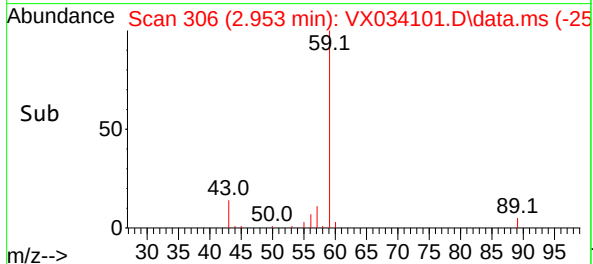
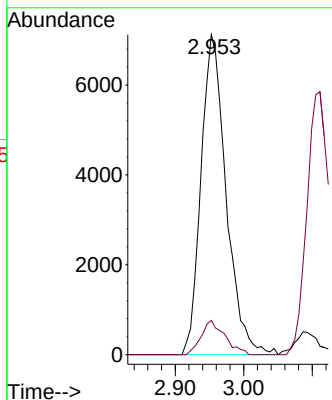
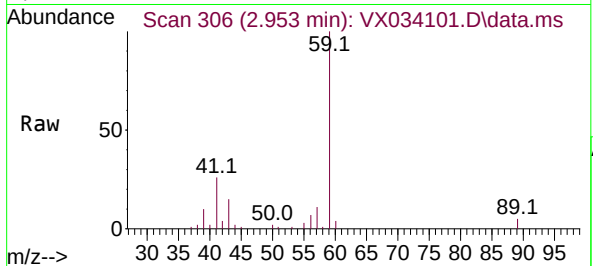
#11
Tert butyl alcohol
Concen: 98.252 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion: 59 Resp: 1816
Ion Ratio Lower Upper
59 100
57 10.1 3.7 5.5

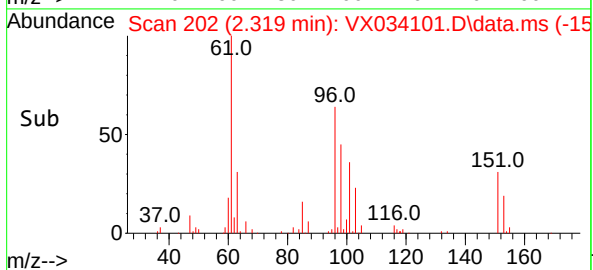
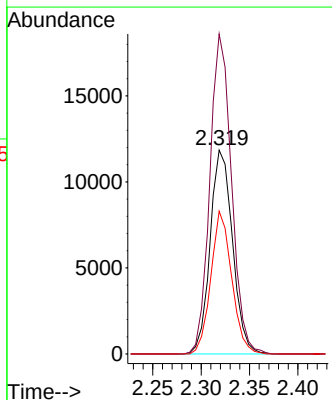
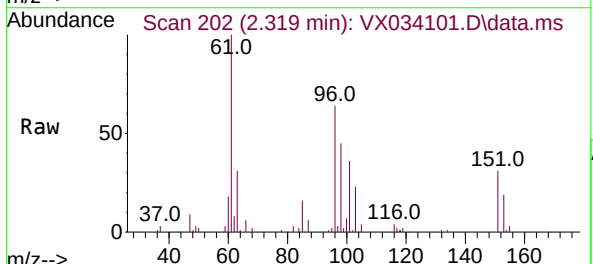
Manual Integrations
APPROVED

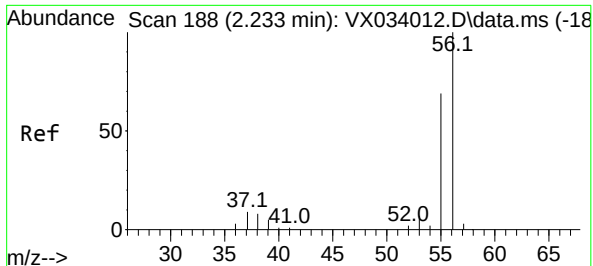
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#12
1,1-Dichloroethene
Concen: 17.050 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

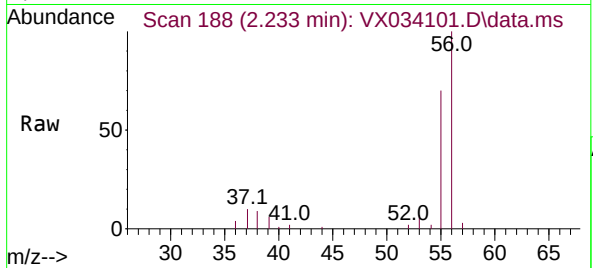
Tgt Ion: 96 Resp: 19112
Ion Ratio Lower Upper
96 100
61 157.0 134.2 201.4
98 70.0 50.2 75.2





#13
Acrolein
Concen: 88.252 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

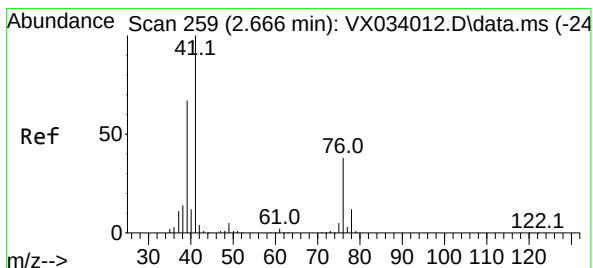
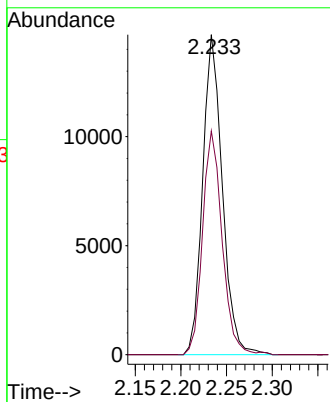
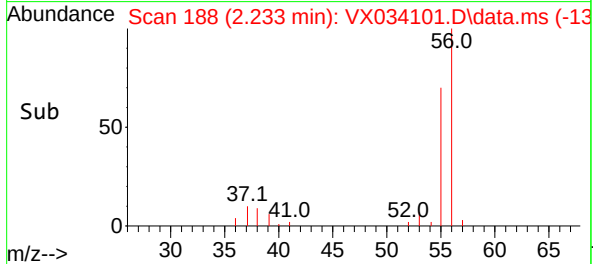
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



Tgt Ion: 56 Resp: 2188
Ion Ratio Lower Upper
56 100
55 69.6 56.3 84.5

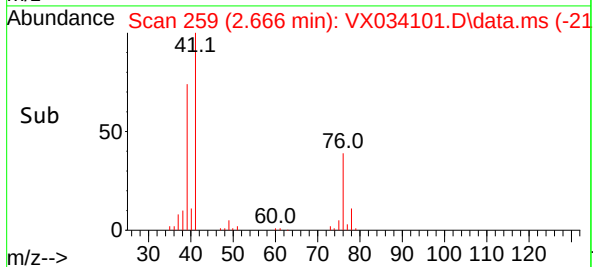
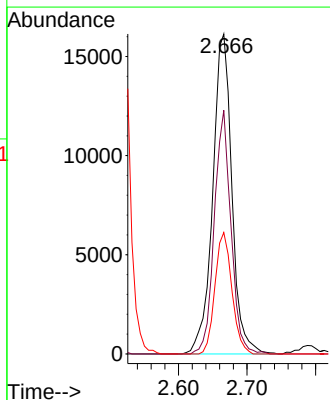
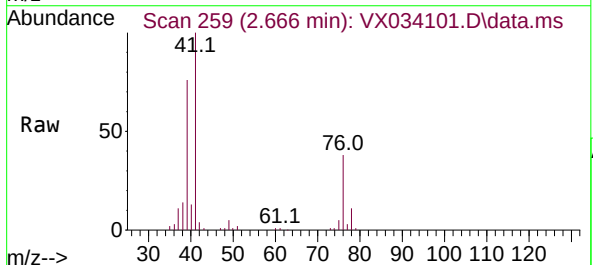
Manual Integrations
APPROVED

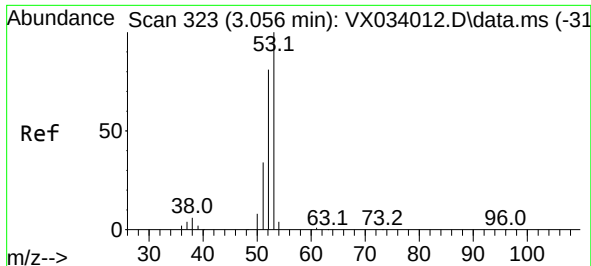
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#14
Allyl chloride
Concen: 17.146 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion: 41 Resp: 31337
Ion Ratio Lower Upper
41 100
39 66.0 59.0 88.4
76 33.4 24.6 37.0





#15

Acrylonitrile

Concen: 87.155 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

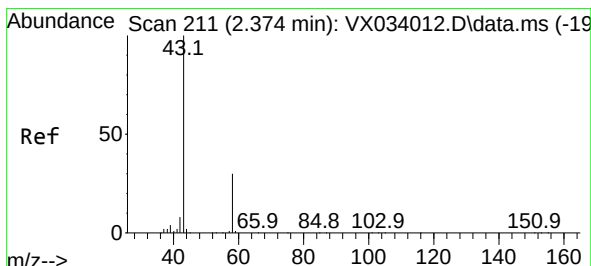
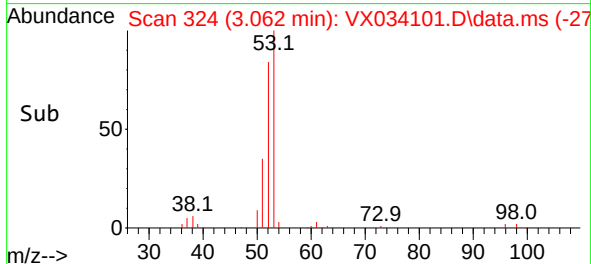
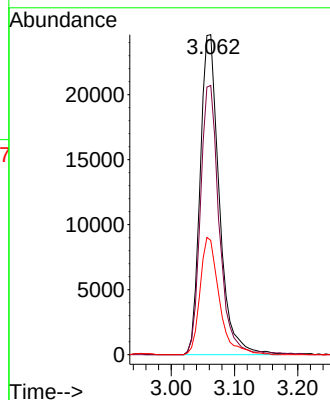
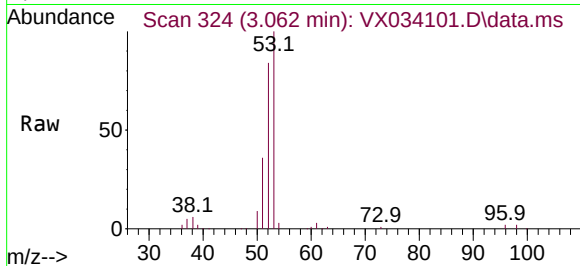
Tgt Ion: 53	Resp: 5169
Ion Ratio	Lower Upper
53 100	
52 82.5	65.7 98.5
51 37.0	29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#16

Acetone

Concen: 84.664 ug/l

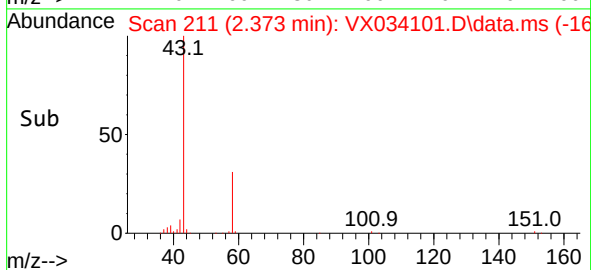
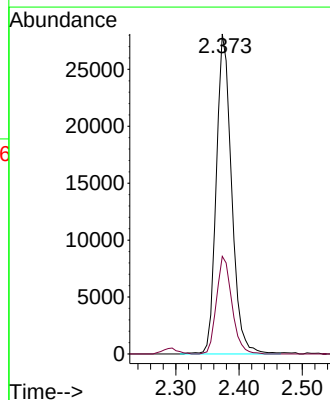
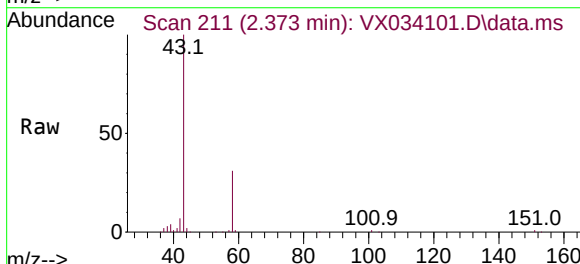
RT: 2.373 min Scan# 211

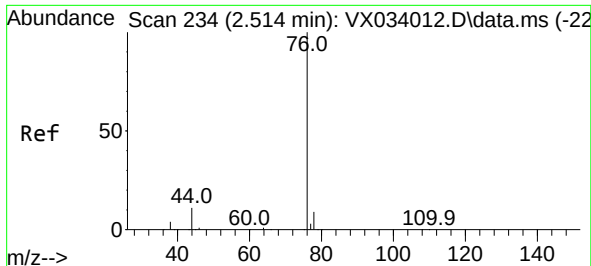
Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Tgt Ion: 43	Resp: 47196
Ion Ratio	Lower Upper
43 100	
58 30.5	22.6 33.8





#17

Carbon Disulfide

Concen: 16.020 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 76 Resp: 45562

Ion Ratio Lower Upper

76 100

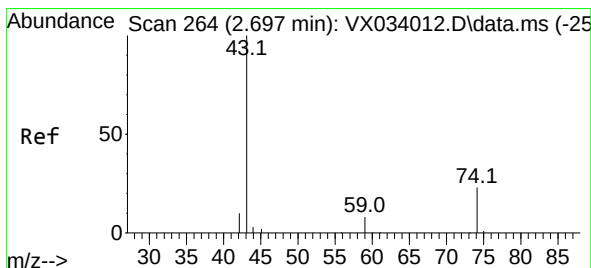
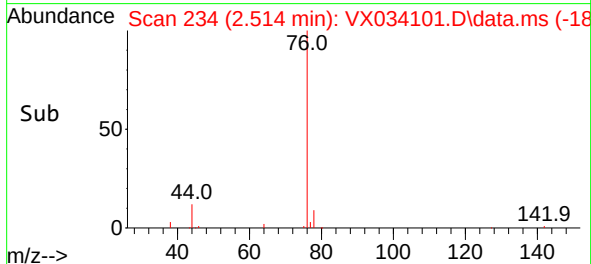
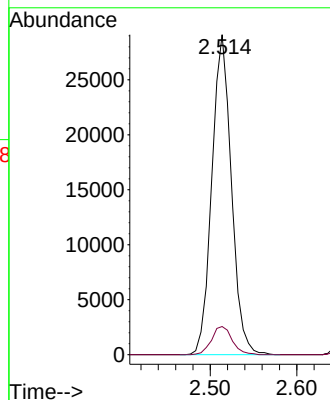
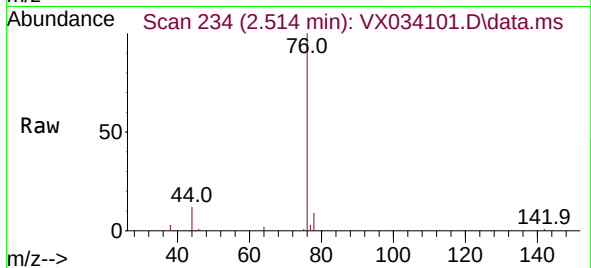
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#18

Methyl Acetate

Concen: 18.256 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX034101.D

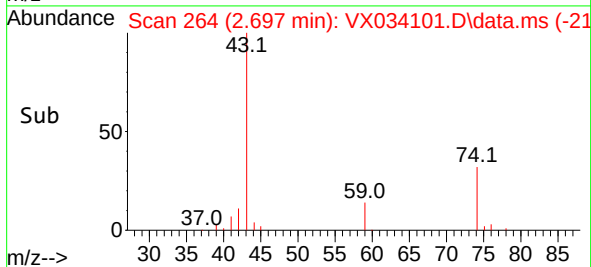
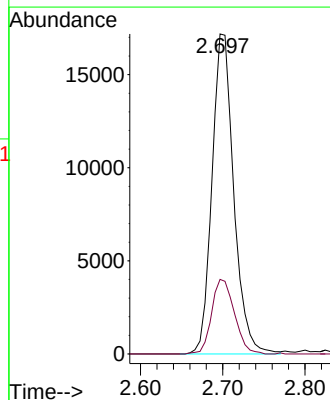
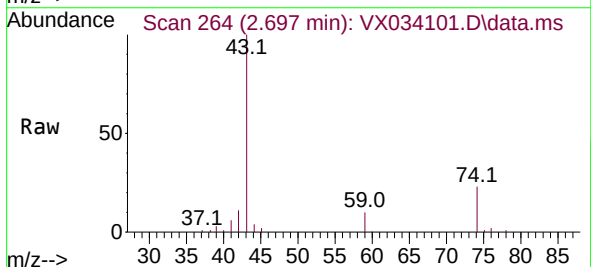
Acq: 09 Feb 2023 13:20

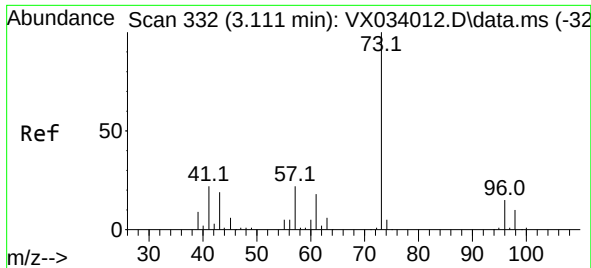
Tgt Ion: 43 Resp: 31657

Ion Ratio Lower Upper

43 100

74 24.3 18.2 27.4





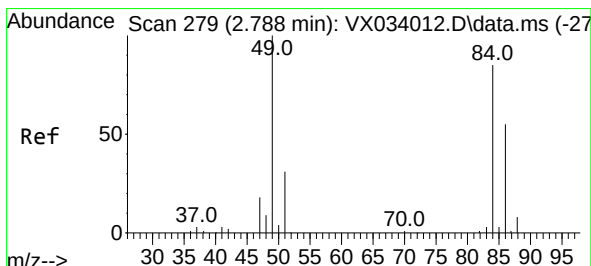
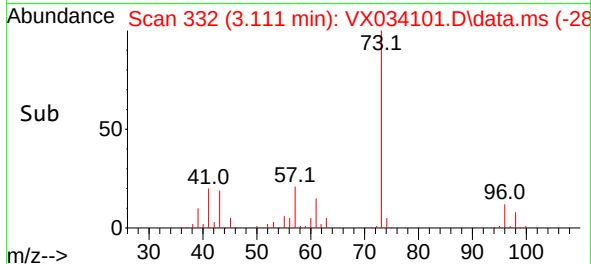
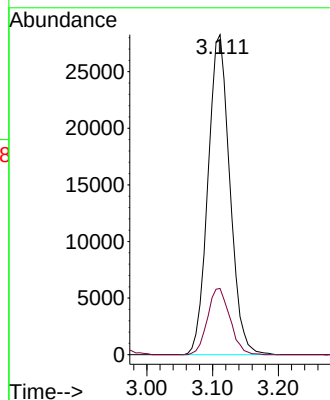
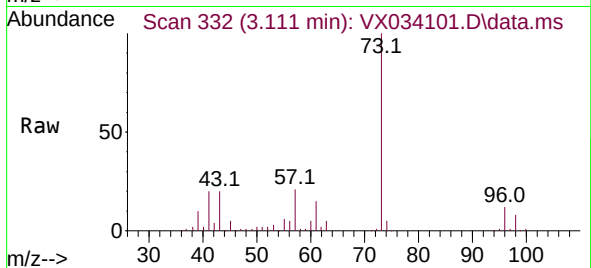
#19
Methyl tert-butyl Ether
Concen: 18.894 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion: 73 Resp: 6531
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0

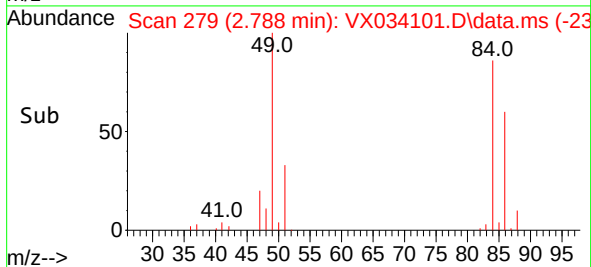
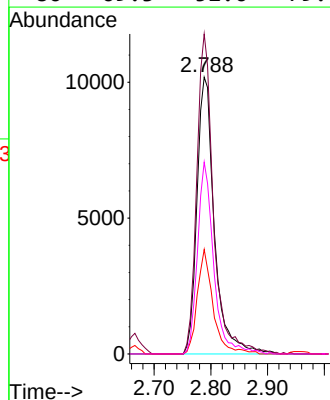
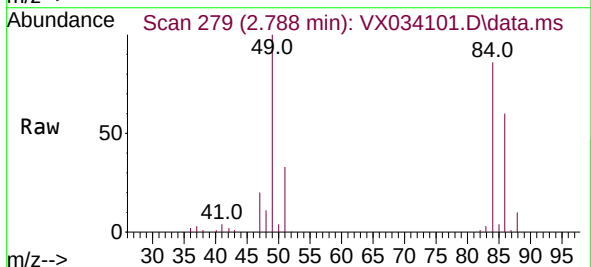
Manual Integrations
APPROVED

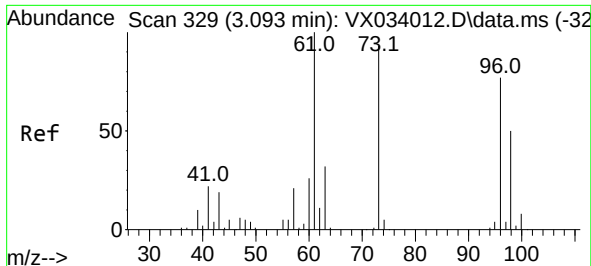
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#20
Methylene Chloride
Concen: 17.148 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

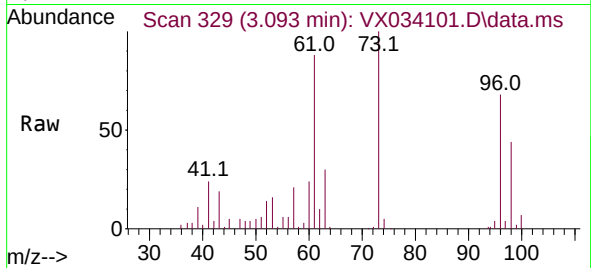
Tgt Ion: 84 Resp: 21869
Ion Ratio Lower Upper
84 100
49 115.6 101.1 151.7
51 37.8 31.0 46.6
86 69.3 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 17.422 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

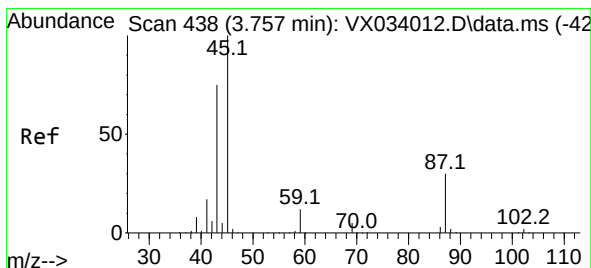
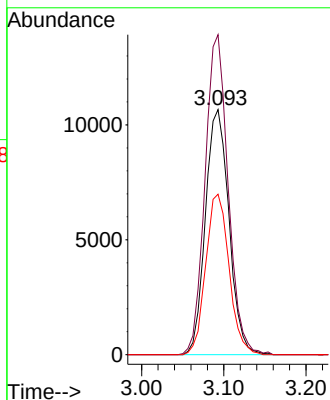
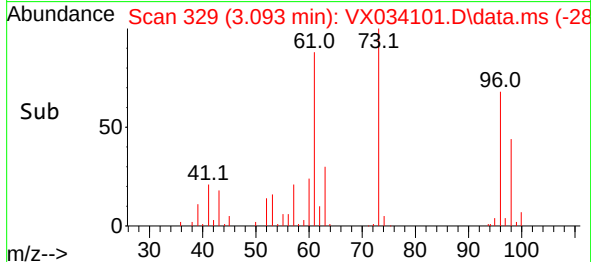
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



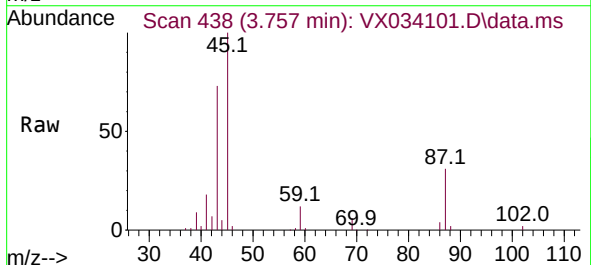
Tgt Ion: 96 Resp: 2127
Ion Ratio Lower Upper
96 100
61 130.5 106.7 160.1
98 65.5 50.0 75.0

Manual Integrations
APPROVED

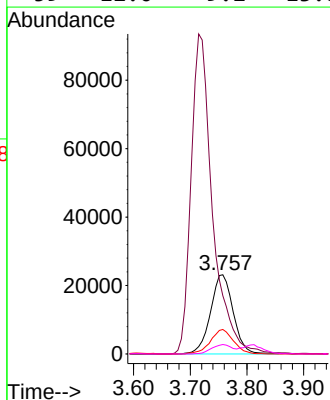
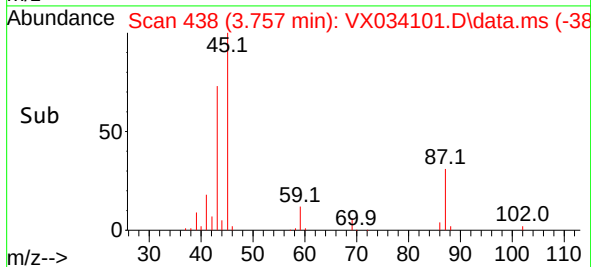
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

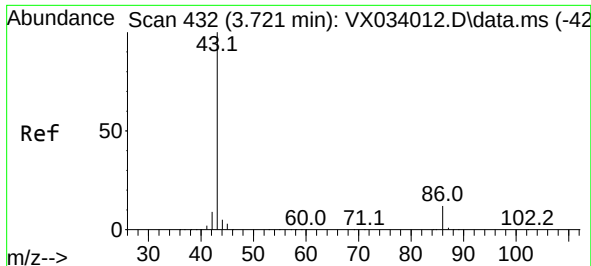


#22
Diisopropyl ether
Concen: 17.837 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20



Tgt Ion: 45 Resp: 64332
Ion Ratio Lower Upper
45 100
43 71.8 64.6 97.0
87 30.9 21.9 32.9
59 12.0 9.2 13.8





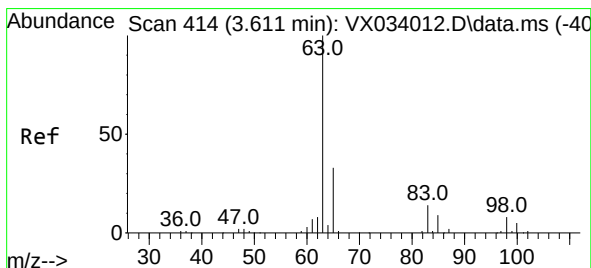
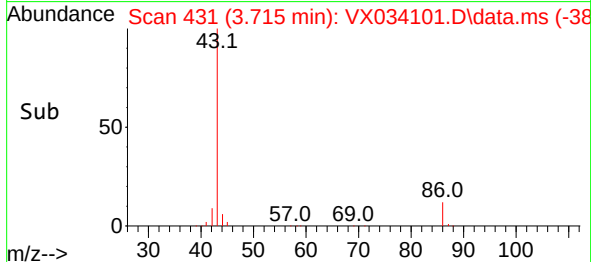
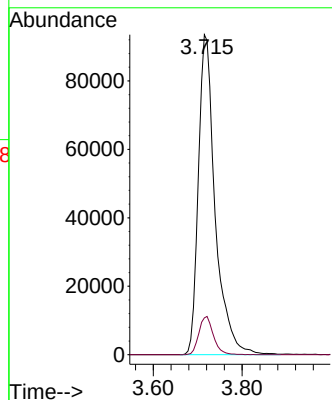
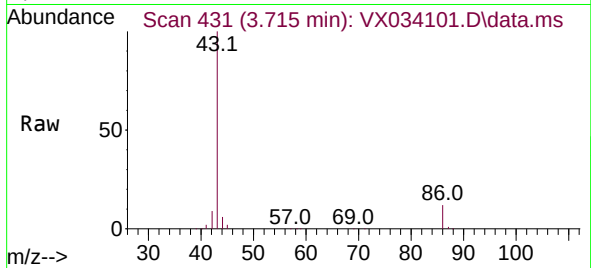
#23
 Vinyl Acetate
 Concen: 89.623 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX034101.D
 Acq: 09 Feb 2023 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBSD01

Tgt Ion: 43 Resp: 246148
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.4 12.6

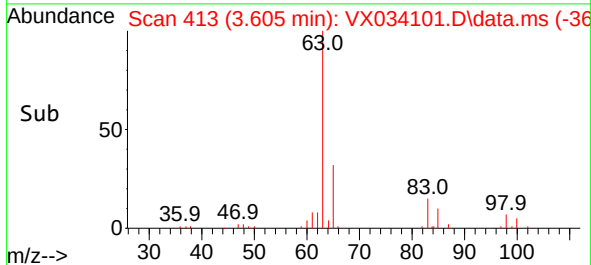
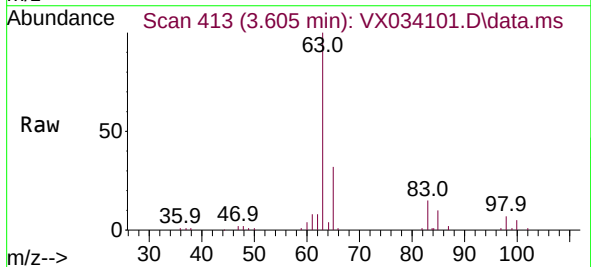
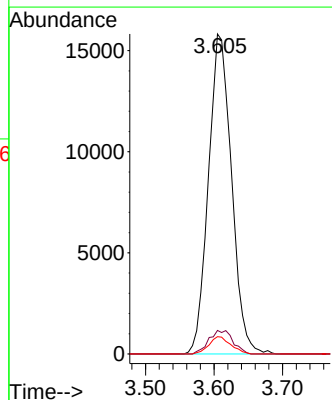
Manual Integrations
 APPROVED

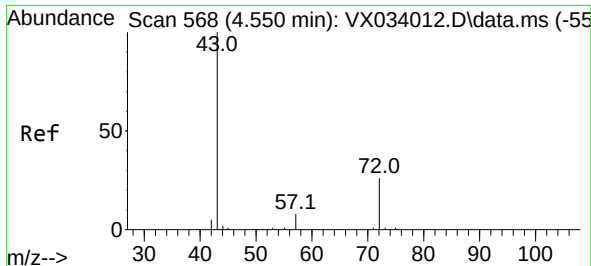
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#24
 1,1-Dichloroethane
 Concen: 17.841 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034101.D
 Acq: 09 Feb 2023 13:20

Tgt Ion: 63 Resp: 37091
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 5.4 2.4 7.2





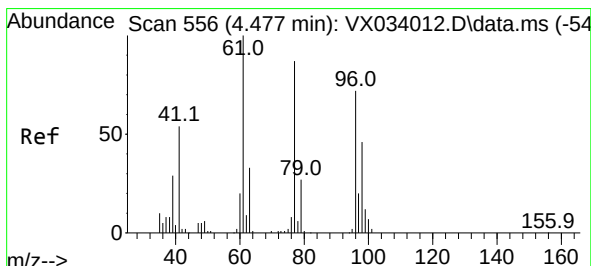
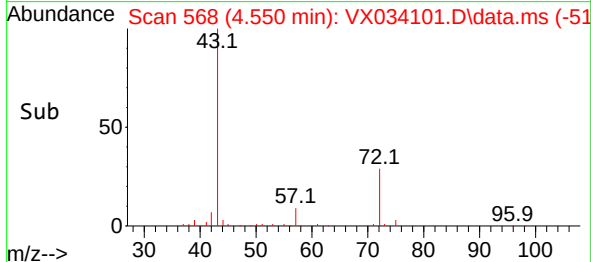
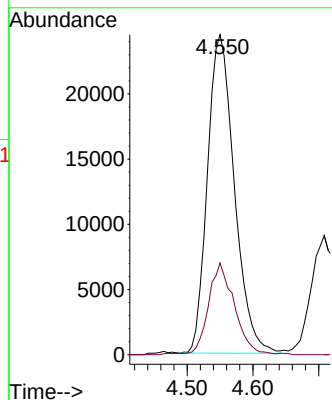
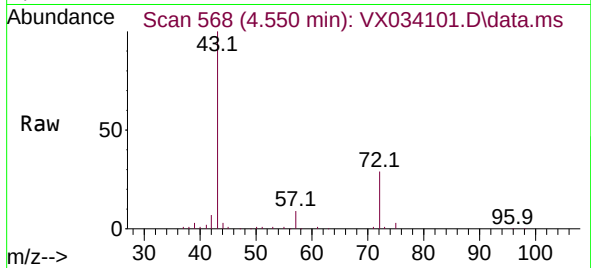
#25
2-Butanone
Concen: 85.663 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion: 43 Resp: 69534
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2

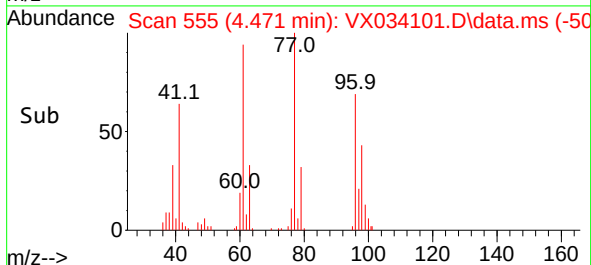
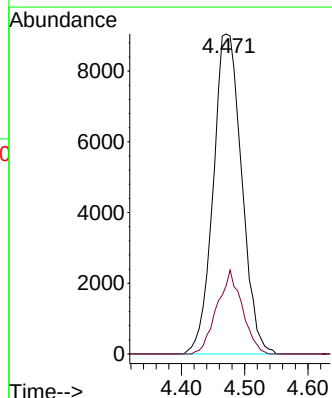
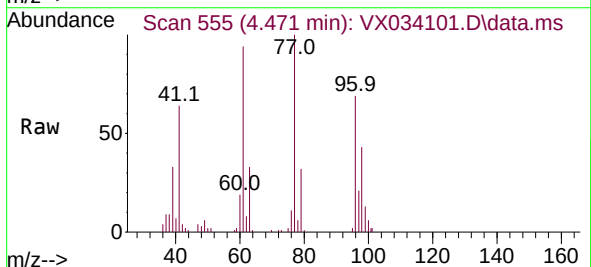
Manual Integrations
APPROVED

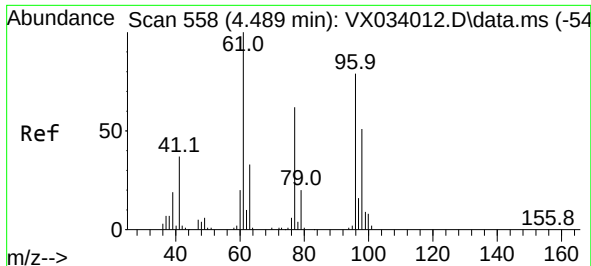
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#26
2,2-Dichloropropane
Concen: 18.609 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion: 77 Resp: 28221
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 17.916 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 96 Resp: 2516

Ion Ratio Lower Upper

96 100

61 129.6 0.0 277.6

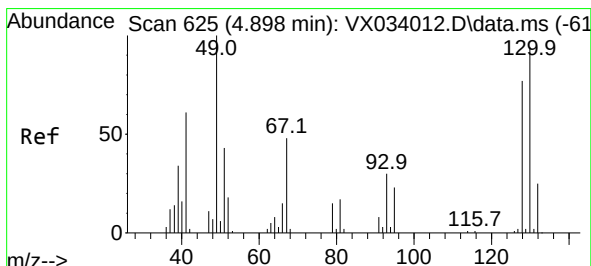
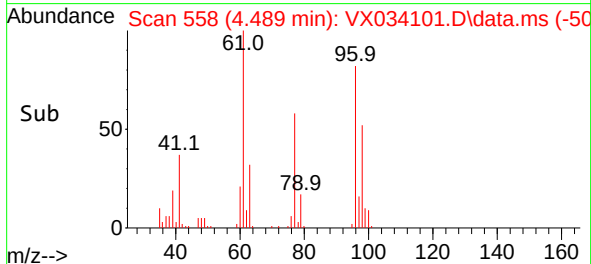
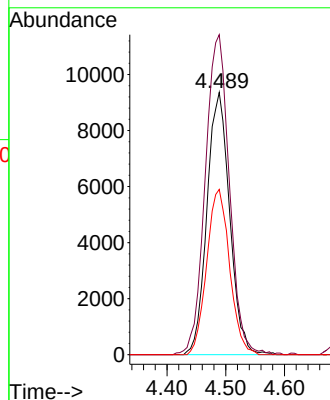
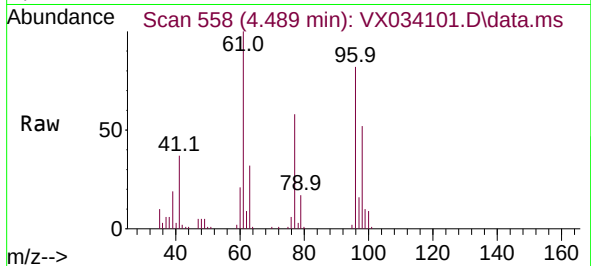
98 63.5 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#28

Bromochloromethane

Concen: 18.918 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

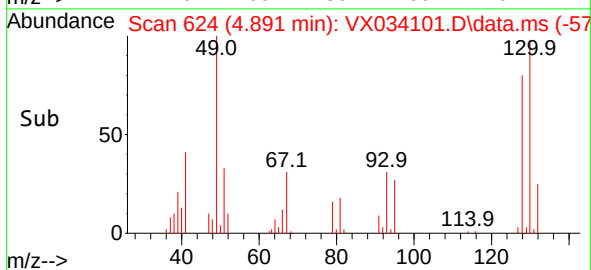
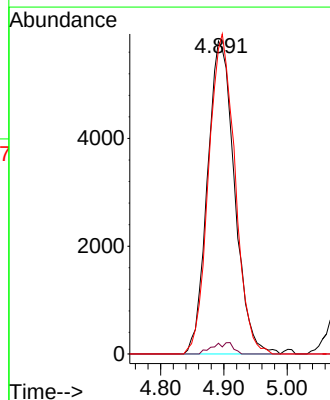
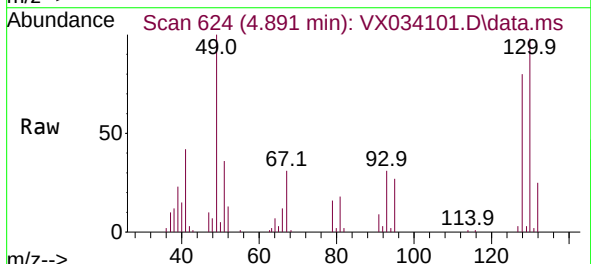
Tgt Ion: 49 Resp: 17291

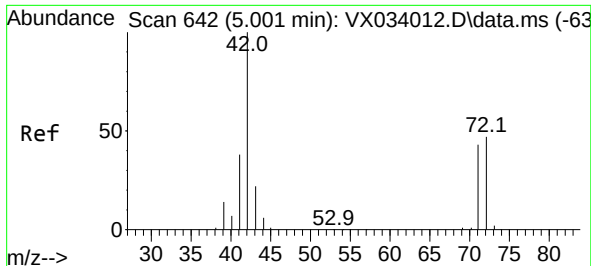
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 99.5 68.5 102.7





#29

Tetrahydrofuran

Concen: 86.458 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 42 Resp: 4463

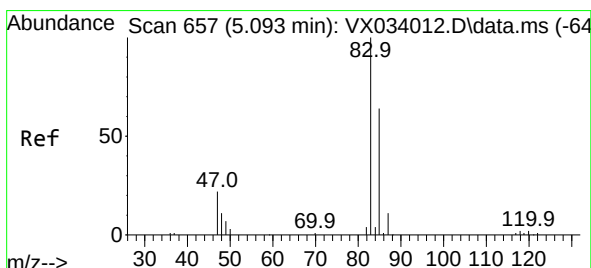
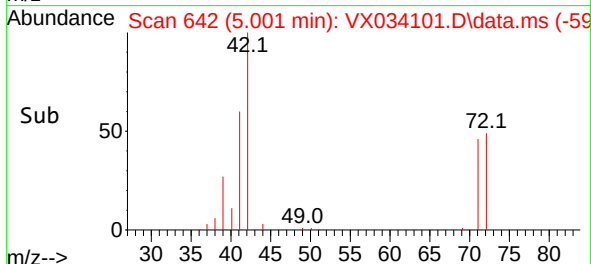
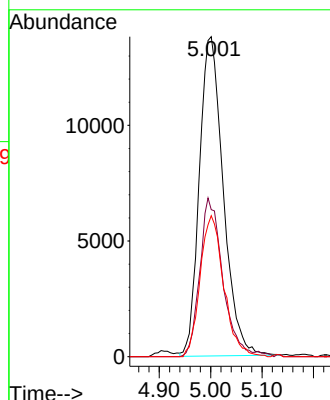
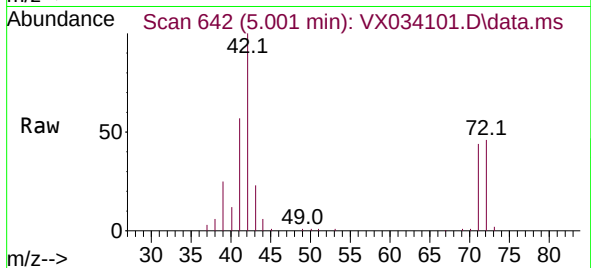
Ion	Ratio	Lower	Upper
42	100		
72	47.9	34.8	52.2
71	43.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#30

Chloroform

Concen: 18.559 ug/l

RT: 5.086 min Scan# 656

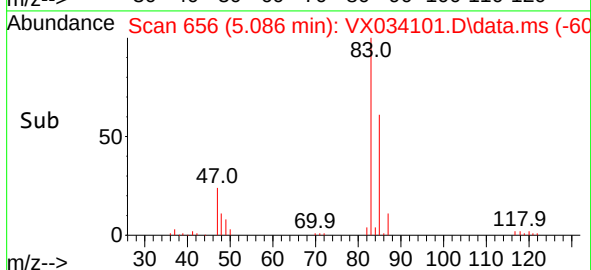
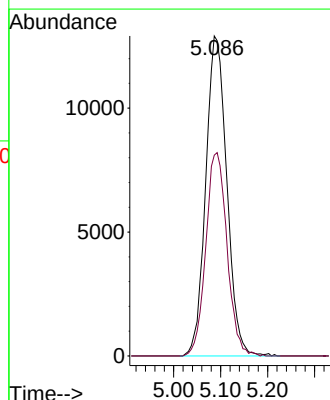
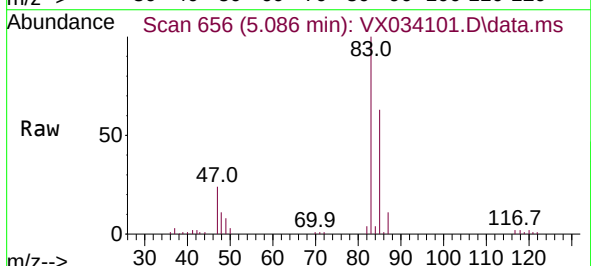
Delta R.T. -0.006 min

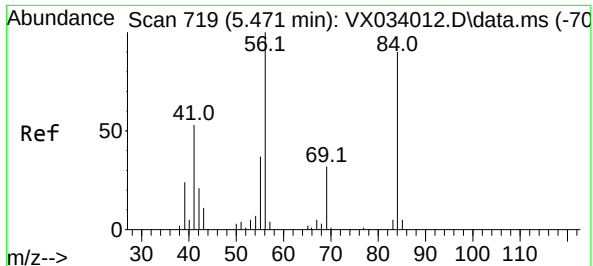
Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Tgt Ion: 83 Resp: 40212

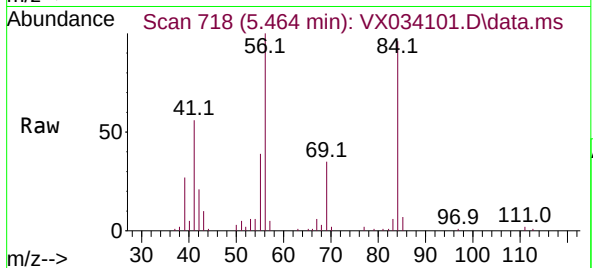
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.1	78.1





#31
Cyclohexane
Concen: 17.249 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

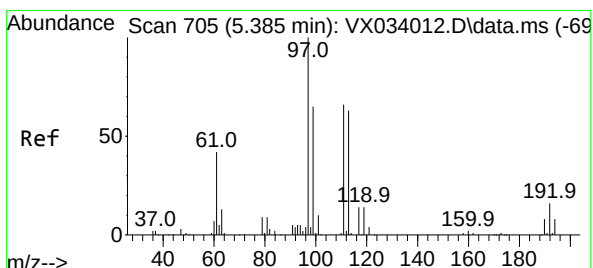
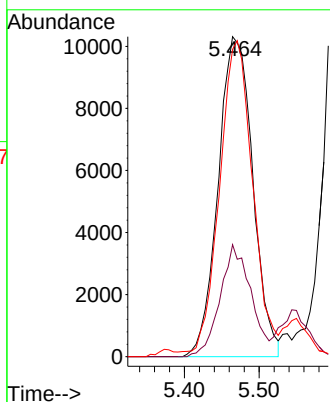
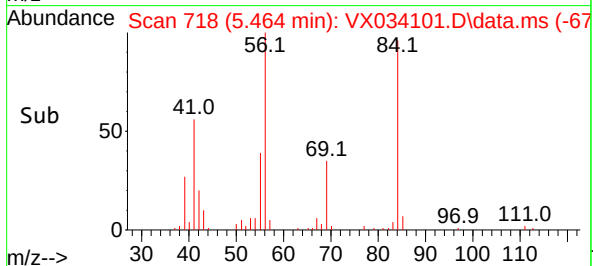
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



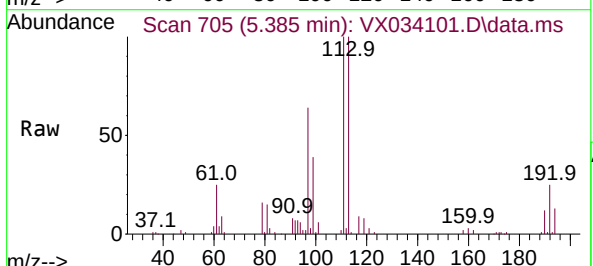
Tgt Ion: 56 Resp: 3315
Ion Ratio Lower Upper
56 100
69 35.0 24.6 37.0
84 94.6 71.0 106.6

Manual Integrations
APPROVED

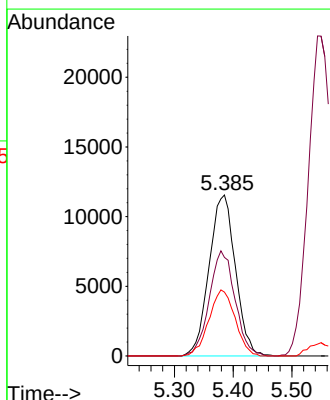
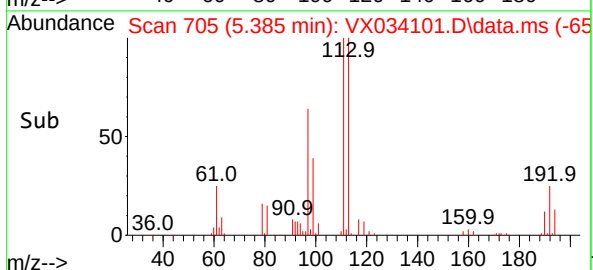
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

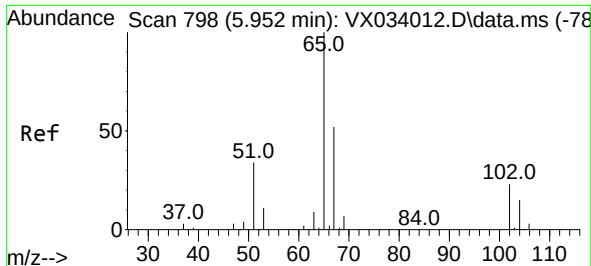


#32
1,1,1-Trichloroethane
Concen: 19.249 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20



Tgt Ion: 97 Resp: 35917
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 40.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.107 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBS01

Tgt Ion: 65 Resp: 60854

Ion Ratio Lower Upper

65 100

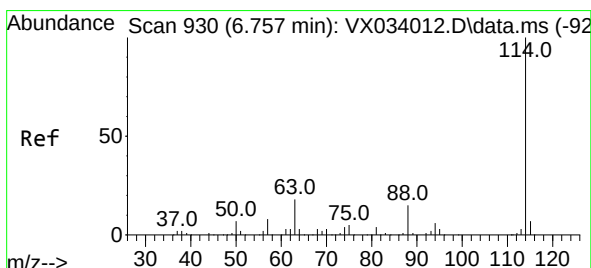
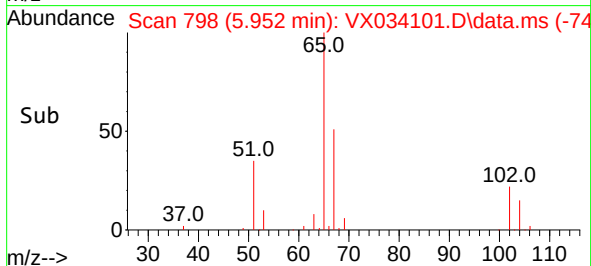
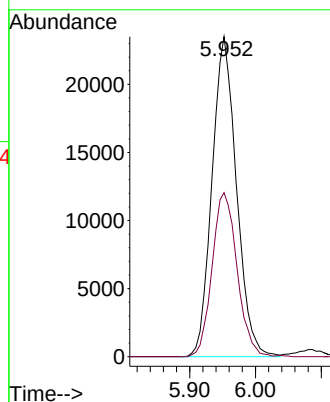
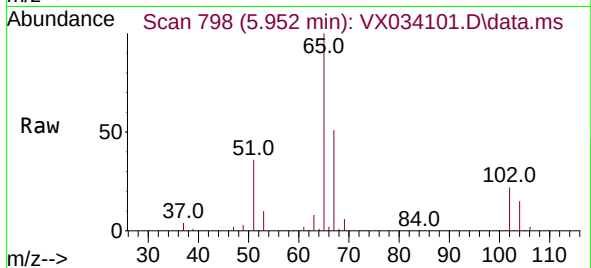
67 52.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

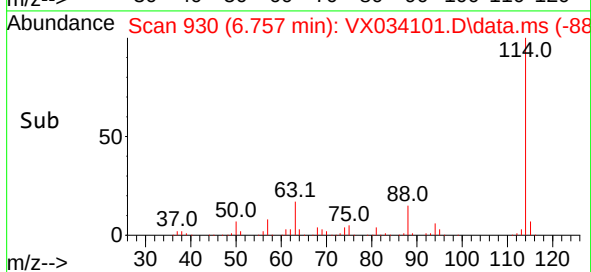
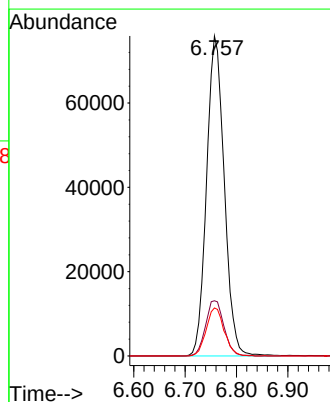
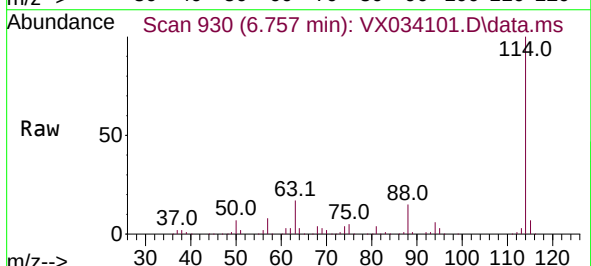
Tgt Ion:114 Resp: 181215

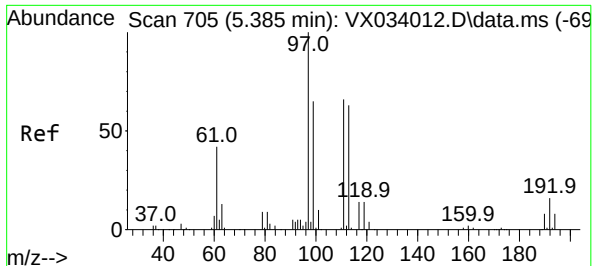
Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.933 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 113 Resp: 54128

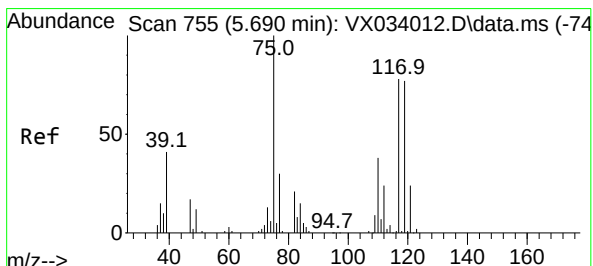
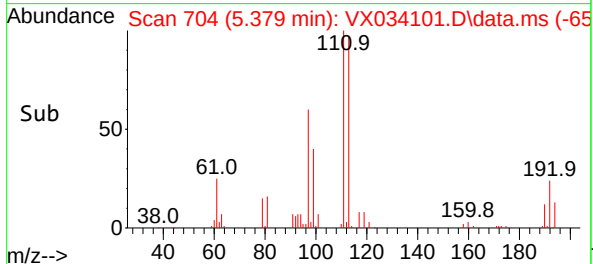
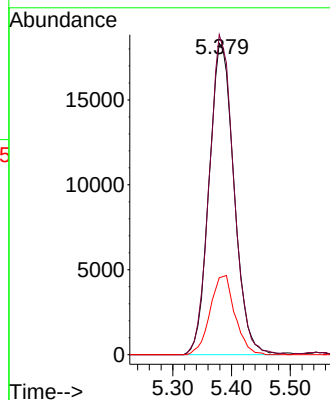
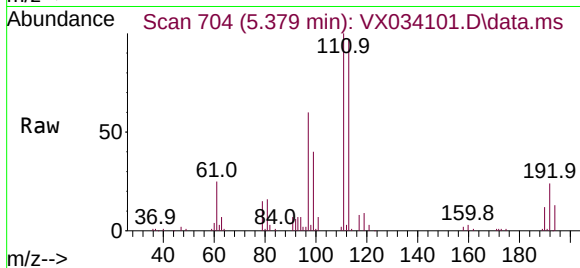
Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	25.2	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#36

1,1-Dichloropropene

Concen: 18.808 ug/l

RT: 5.690 min Scan# 755

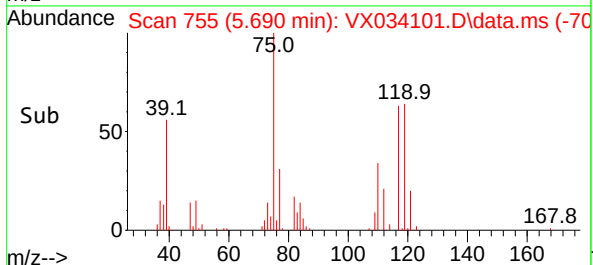
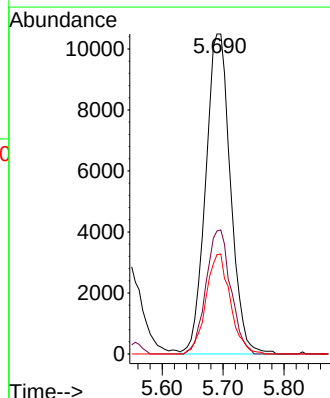
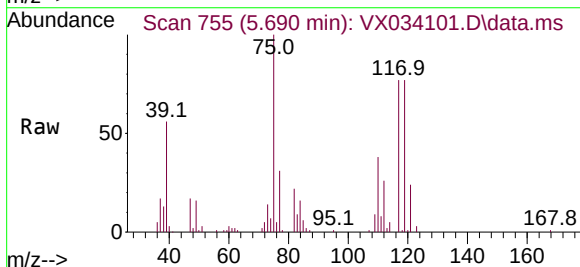
Delta R.T. -0.000 min

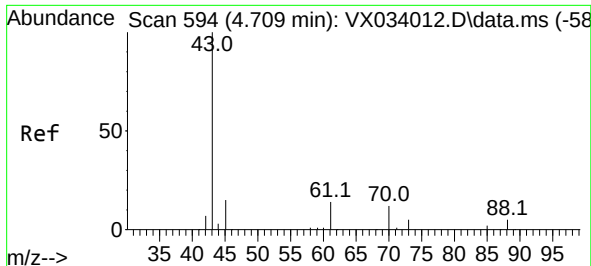
Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Tgt Ion: 75 Resp: 29740

Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.8	56.4
77	30.6	25.1	37.7





#37

Ethyl Acetate

Concen: 17.949 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 43 Resp: 26439

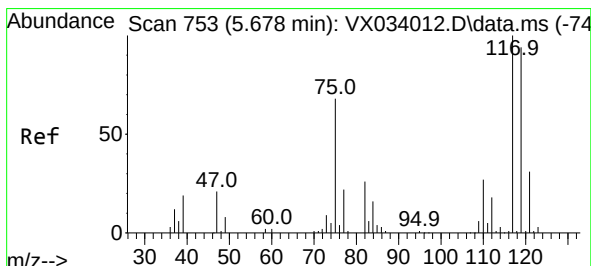
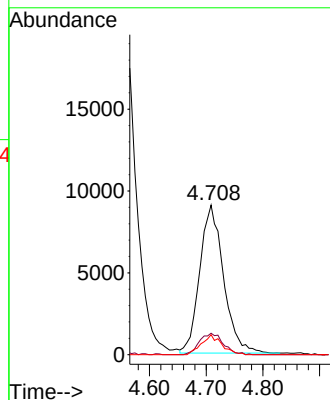
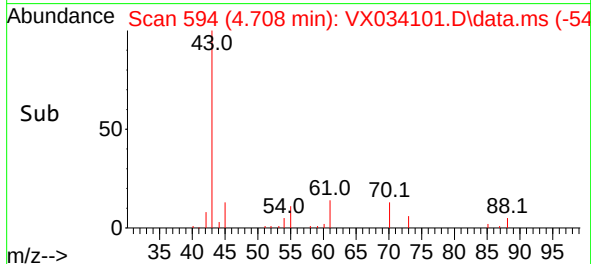
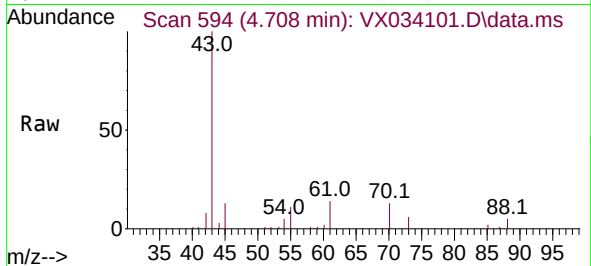
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	11.4	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#38

Carbon Tetrachloride

Concen: 19.057 ug/l

RT: 5.672 min Scan# 752

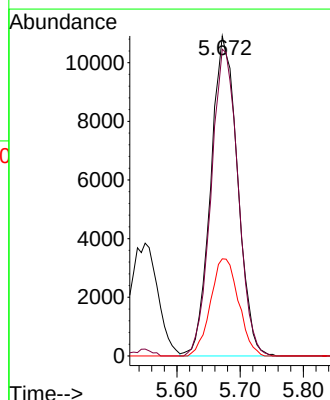
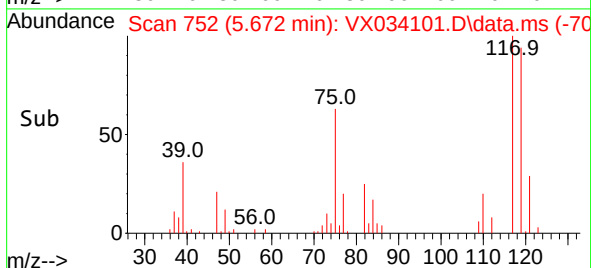
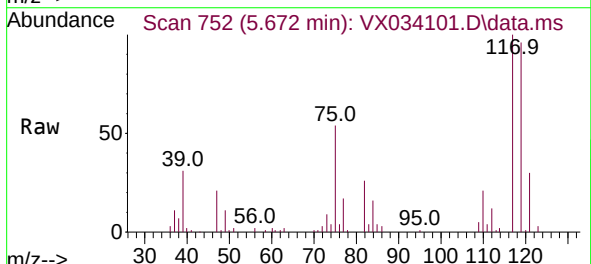
Delta R.T. -0.006 min

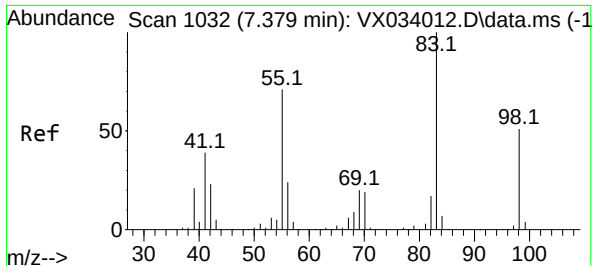
Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Tgt Ion:117 Resp: 32139

Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.0	117.0
121	30.4	24.4	36.6





#39

Methylcyclohexane

Concen: 18.153 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

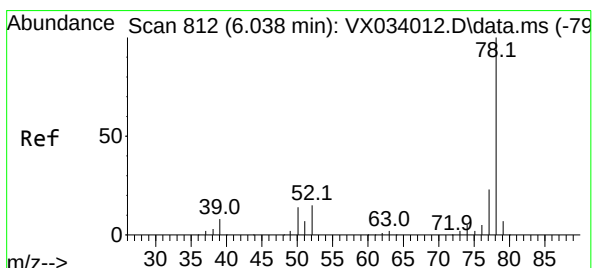
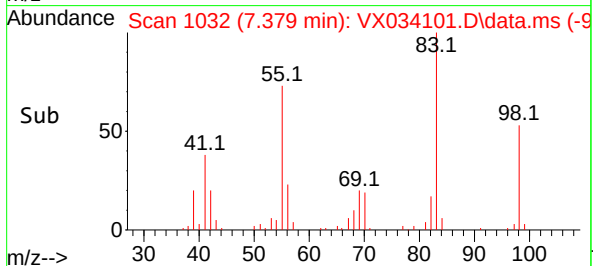
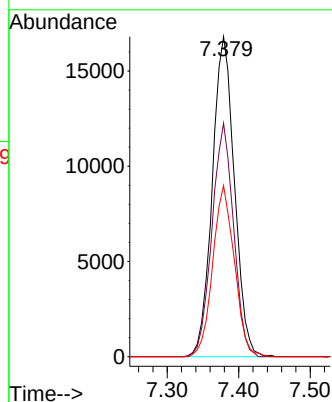
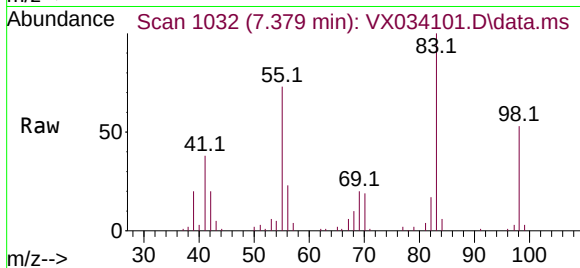
Tgt Ion: 83	Resp: 3613
Ion Ratio	Lower Upper
83	100
55	72.9 61.8 92.6
98	53.4 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#40

Benzene

Concen: 18.541 ug/l

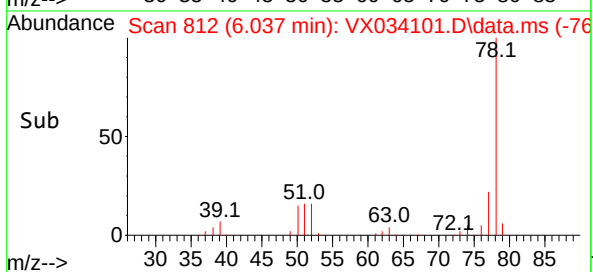
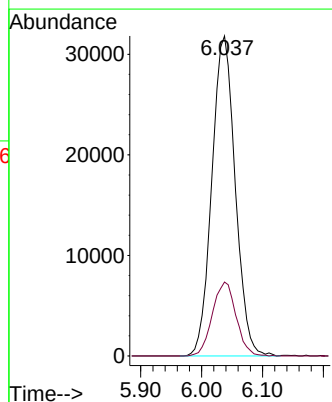
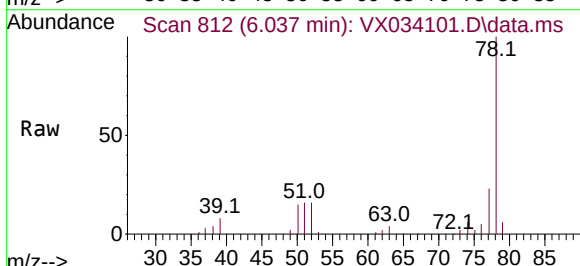
RT: 6.037 min Scan# 812

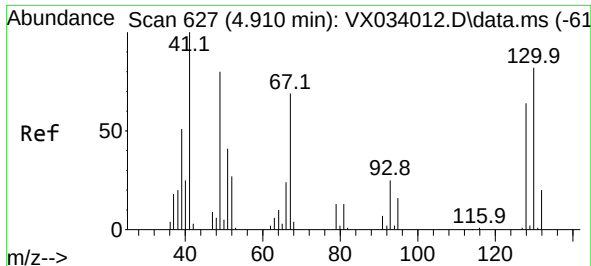
Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

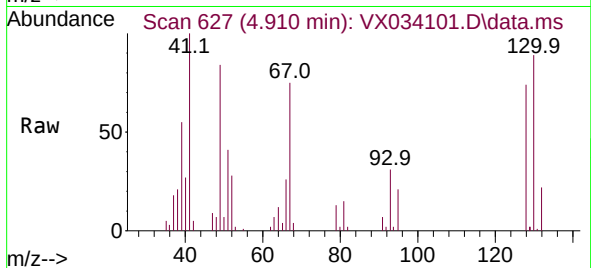
Tgt Ion: 78	Resp: 84827
Ion Ratio	Lower Upper
78	100
77	23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 18.348 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

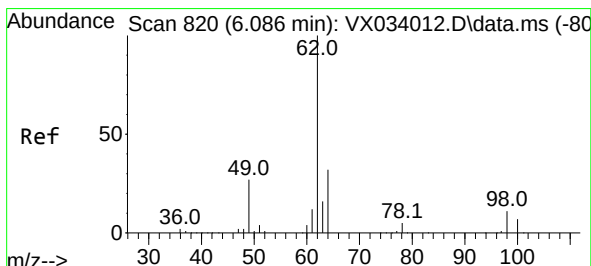
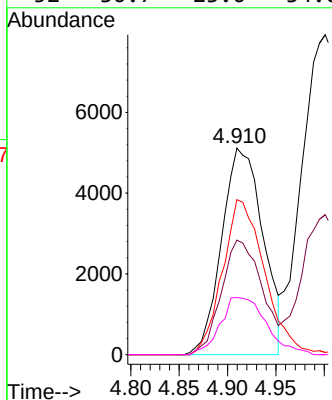
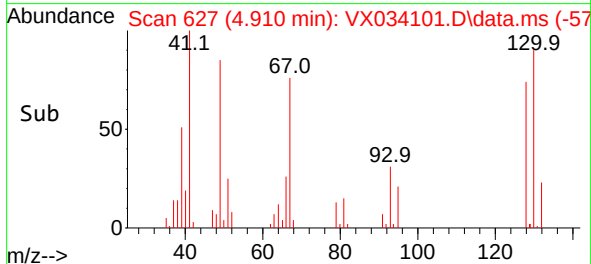
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



Tgt Ion: 41 Resp: 15210
Ion Ratio Lower Upper
41 100
39 54.4 43.8 65.6
67 76.8 54.8 82.2
52 30.7 23.0 34.6

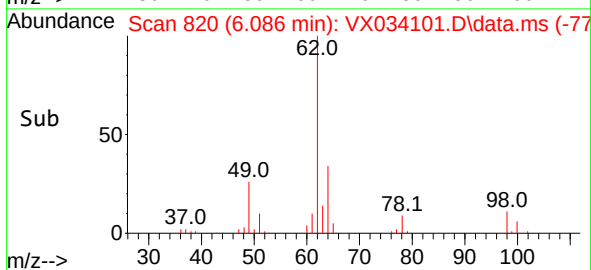
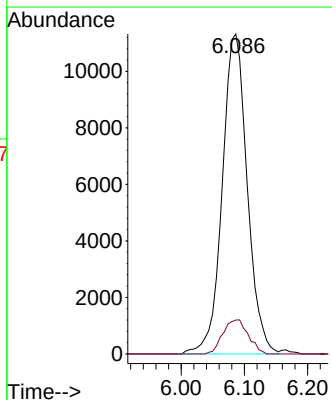
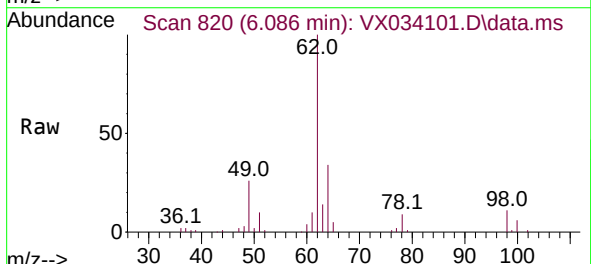
Manual Integrations
APPROVED

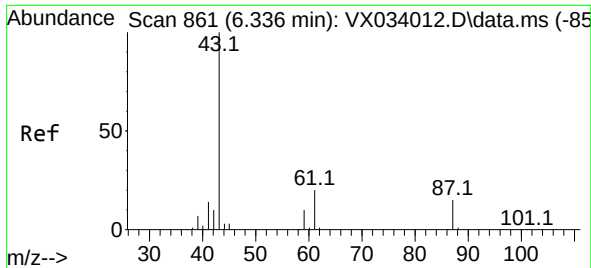
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#42
1,2-Dichloroethane
Concen: 19.985 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

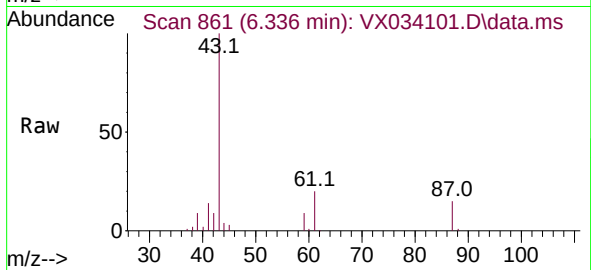
Tgt Ion: 62 Resp: 31070
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 18.960 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

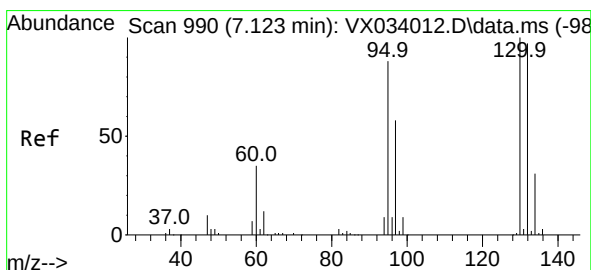
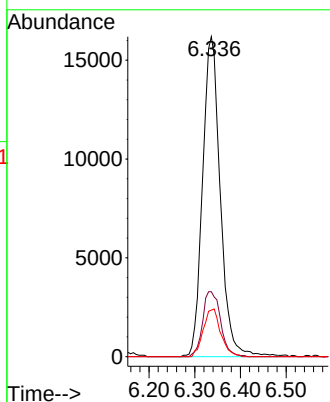
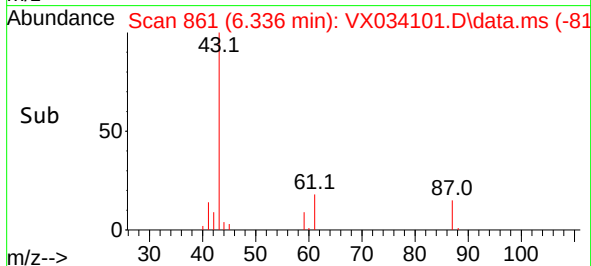
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



Tgt Ion: 43 Resp: 43550
Ion Ratio Lower Upper
43 100
61 20.5 15.7 23.5
87 14.6 10.6 15.8

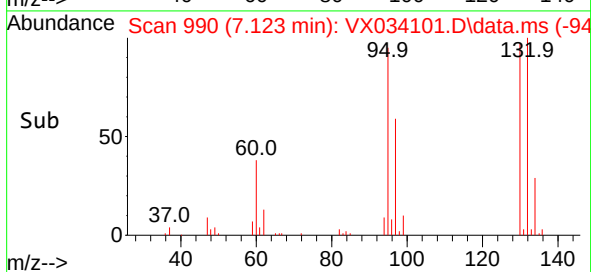
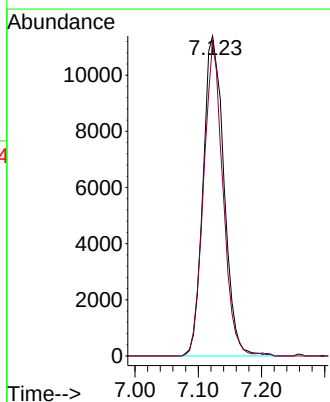
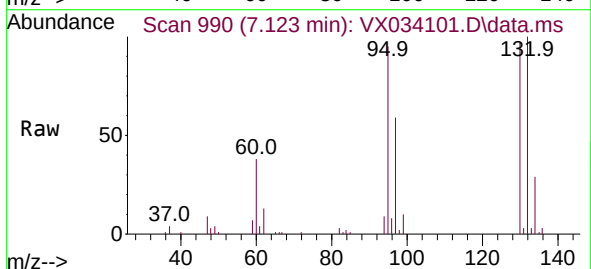
Manual Integrations
APPROVED

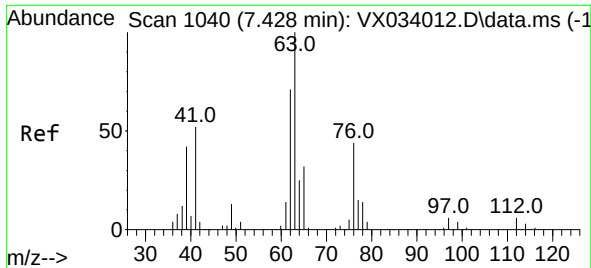
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#44
Trichloroethene
Concen: 18.548 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion:130 Resp: 26081
Ion Ratio Lower Upper
130 100
95 98.2 0.0 182.6





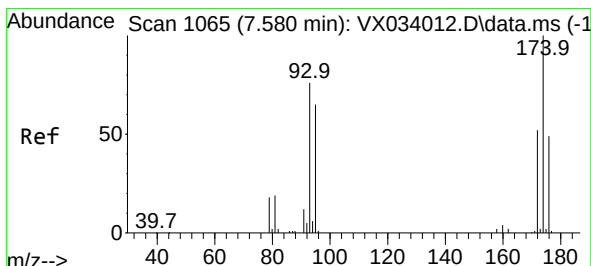
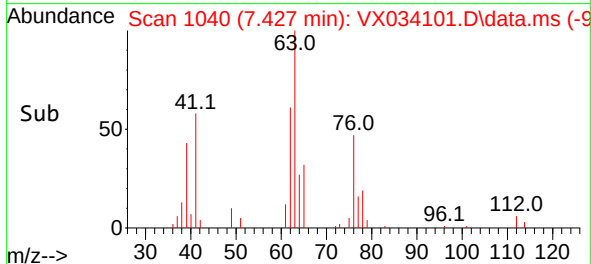
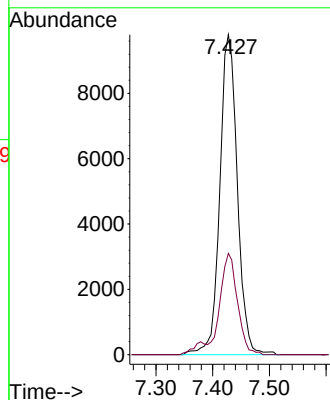
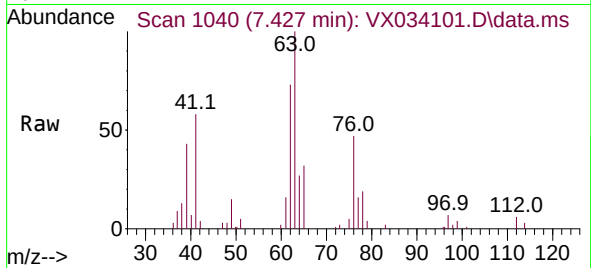
#45
1,2-Dichloropropane
Concen: 18.636 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion: 63 Resp: 2105
Ion Ratio Lower Upper
63 100
65 31.6 24.2 36.2

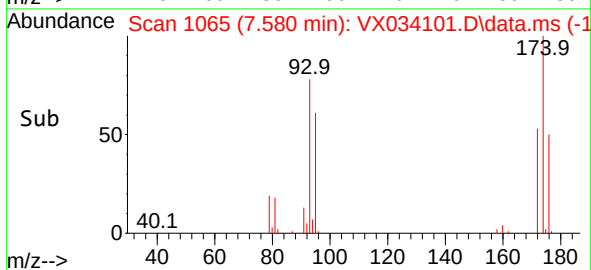
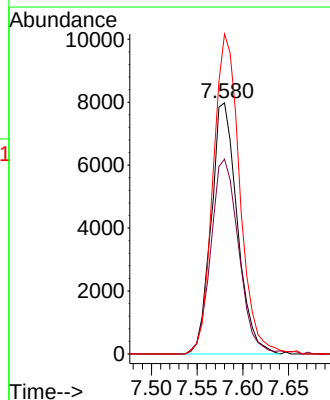
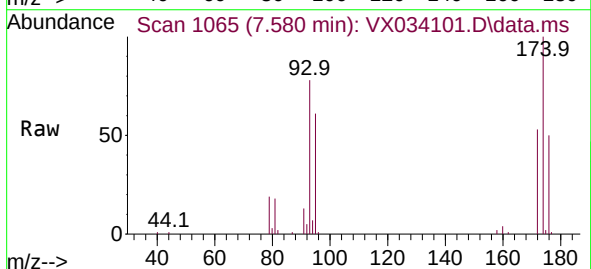
Manual Integrations
APPROVED

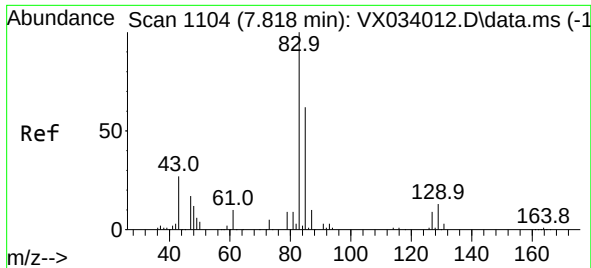
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#46
Dibromomethane
Concen: 19.549 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

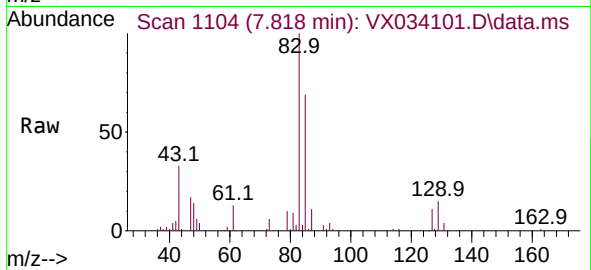
Tgt Ion: 93 Resp: 15821
Ion Ratio Lower Upper
93 100
95 83.2 67.6 101.4
174 130.4 97.4 146.0





#47
Bromodichloromethane
Concen: 19.270 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

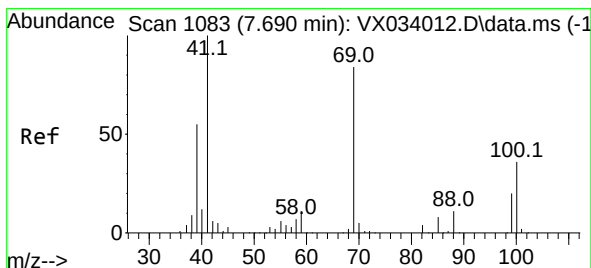
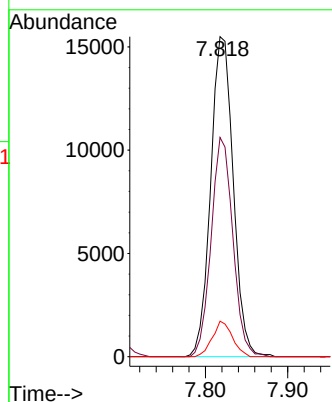
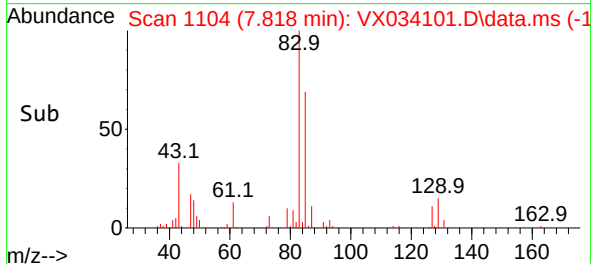
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



Tgt Ion: 83 Resp: 2955
Ion Ratio Lower Upper
83 100
85 68.5 49.8 74.6
127 11.1 7.0 10.4

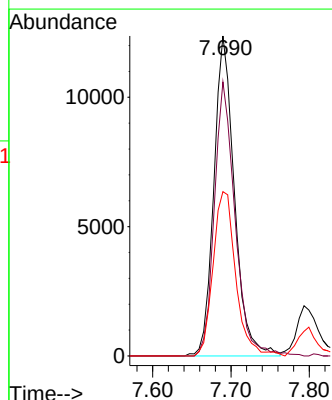
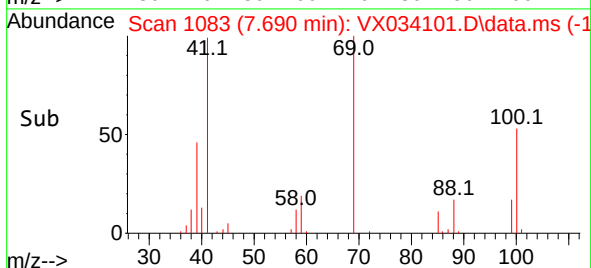
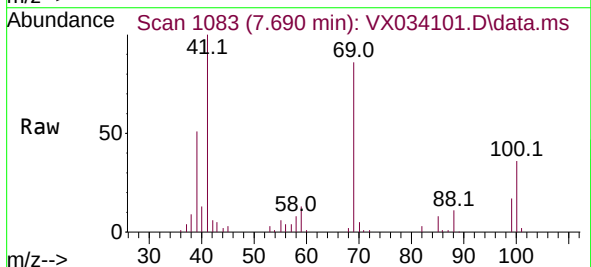
Manual Integrations
APPROVED

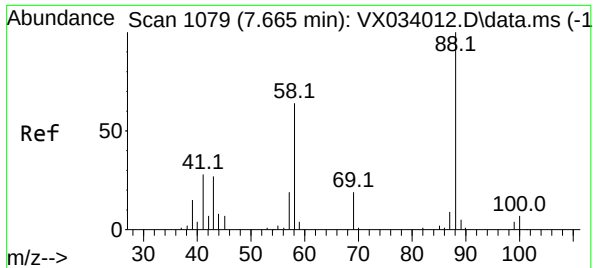
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#48
Methyl methacrylate
Concen: 19.040 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion: 41 Resp: 22583
Ion Ratio Lower Upper
41 100
69 86.0 63.1 94.7
39 56.4 43.2 64.8





#49

1,4-Dioxane

Concen: 432.658 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

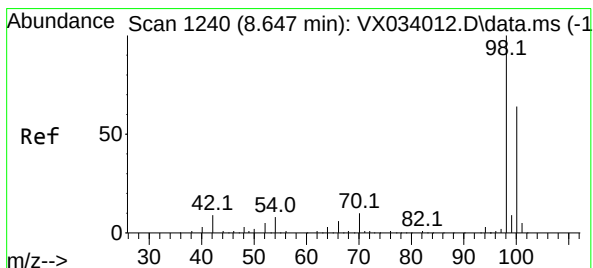
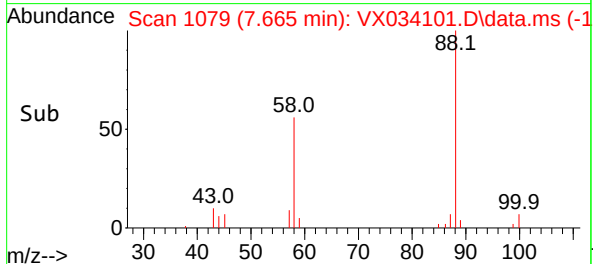
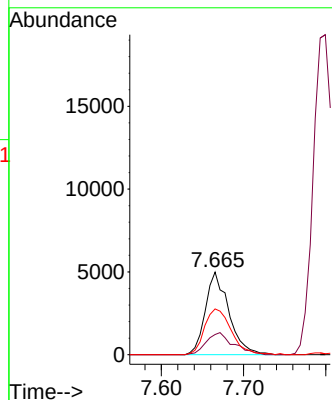
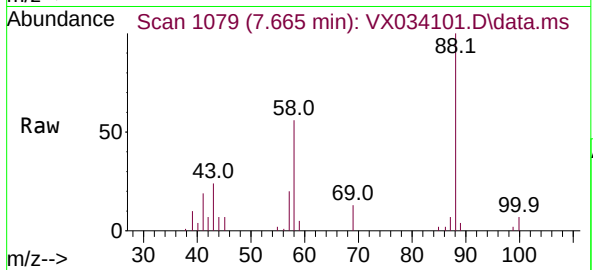
Tgt Ion: 88 Resp: 9878
 Ion Ratio Lower Upper
 88 100
 43 30.6 0.0 0.0
 58 63.4 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#50

Toluene-d8

Concen: 45.445 ug/l

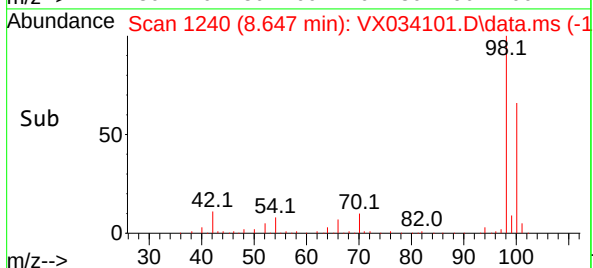
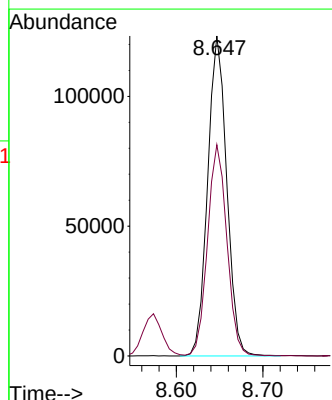
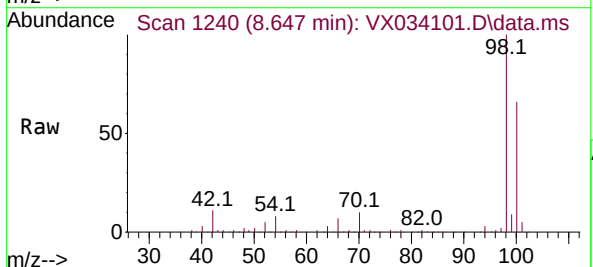
RT: 8.647 min Scan# 1240

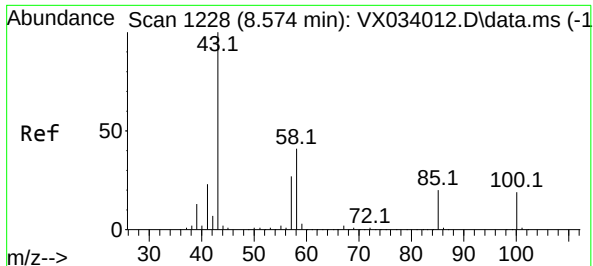
Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Tgt Ion: 98 Resp: 188837
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 94.060 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 43 Resp: 13553

Ion Ratio Lower Upper

43 100

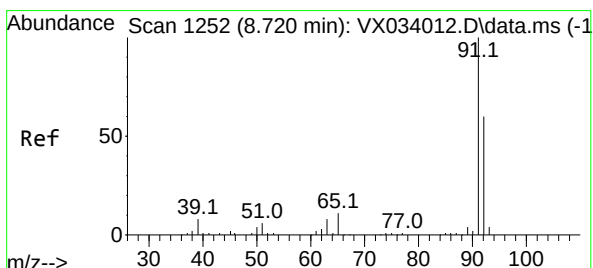
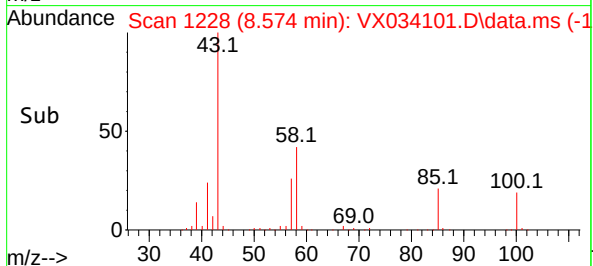
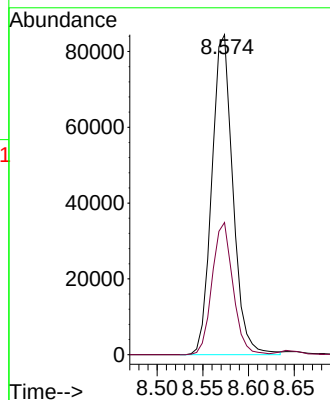
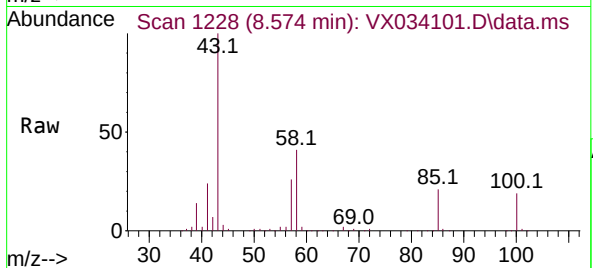
58 40.8 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#52

Toluene

Concen: 18.499 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX034101.D

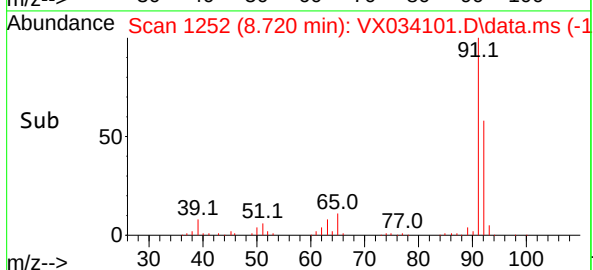
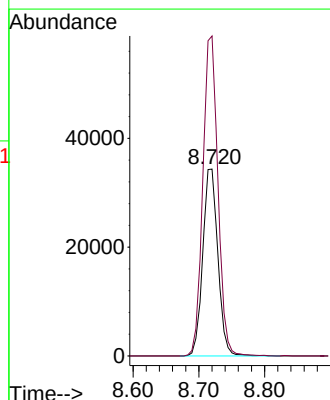
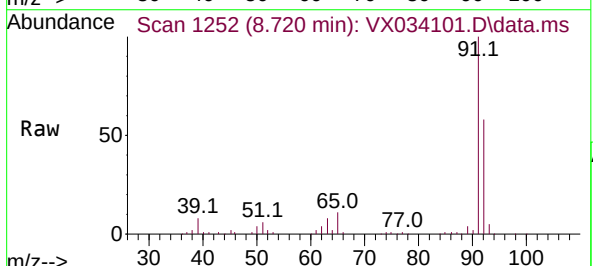
Acq: 09 Feb 2023 13:20

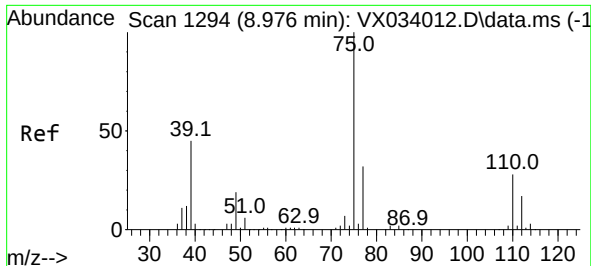
Tgt Ion: 92 Resp: 54851

Ion Ratio Lower Upper

92 100

91 171.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 18.884 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 75 Resp: 2911

Ion Ratio Lower Upper

75 100

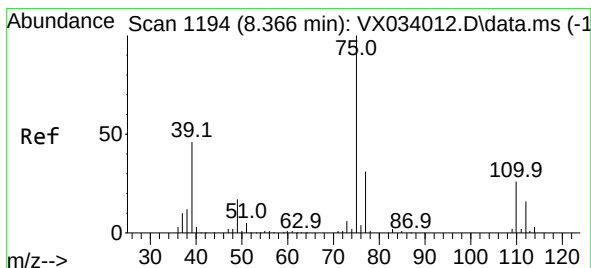
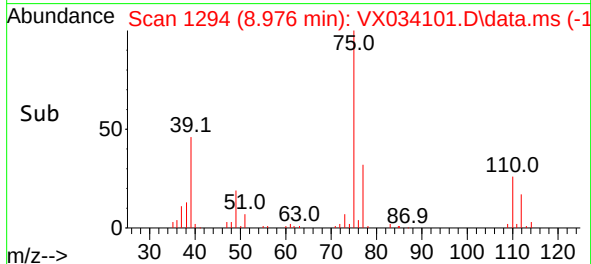
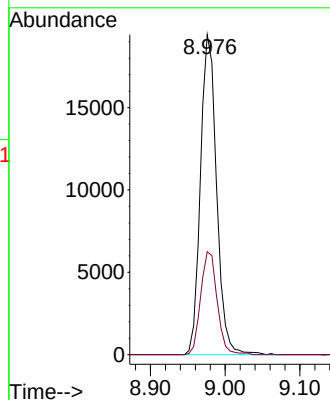
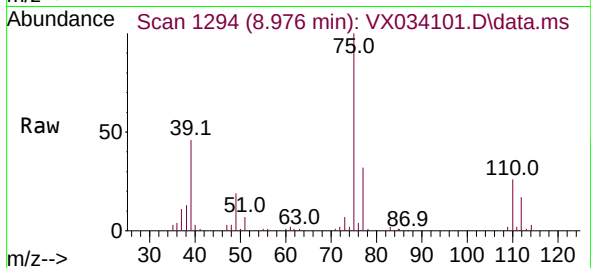
77 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#54

cis-1,3-Dichloropropene

Concen: 19.074 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

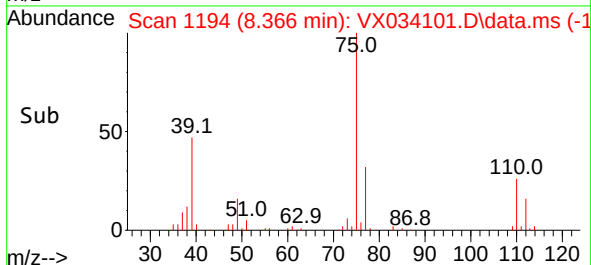
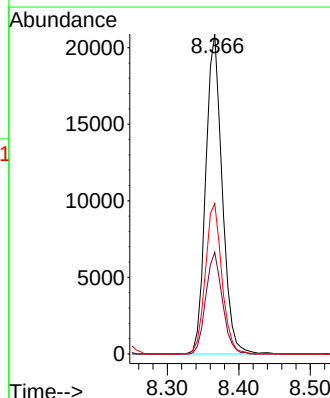
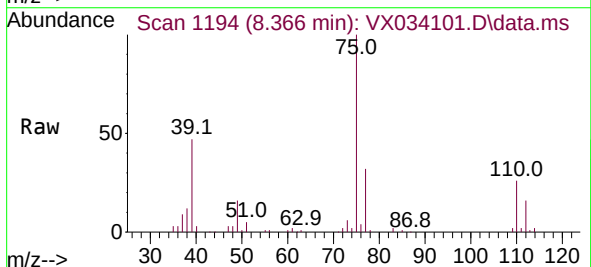
Tgt Ion: 75 Resp: 33454

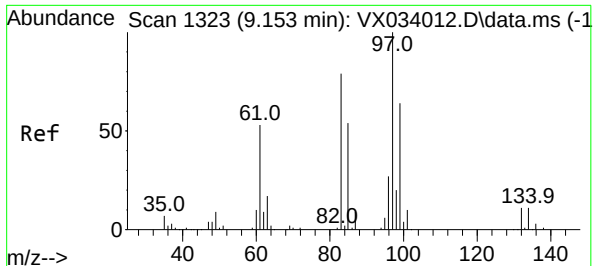
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

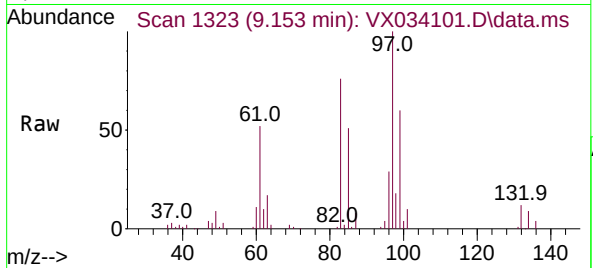
39 47.0 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 19.663 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

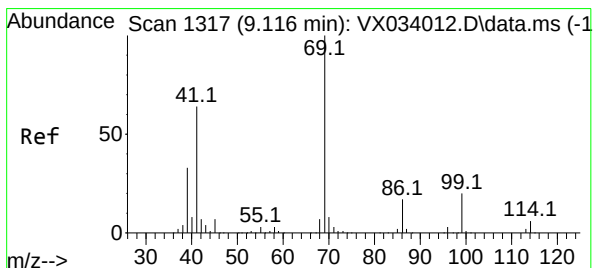
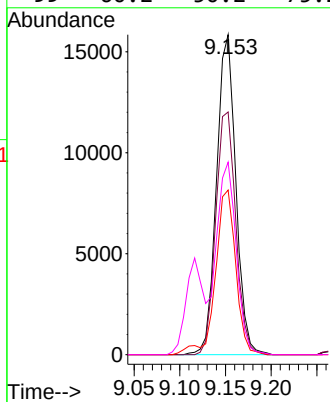
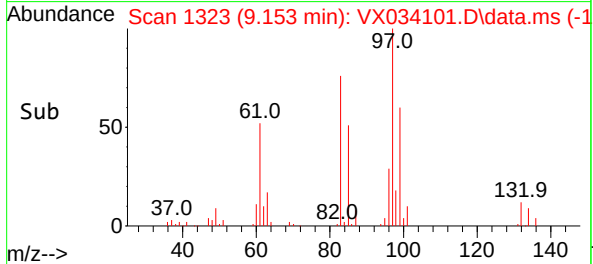
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



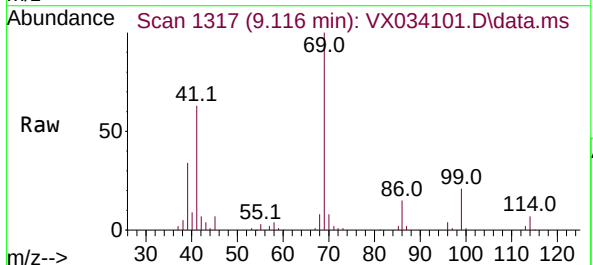
Tgt Ion: 97 Resp: 2328
Ion Ratio Lower Upper
97 100
83 75.8 67.4 101.0
85 51.5 43.2 64.8
99 60.2 50.2 75.2

Manual Integrations
APPROVED

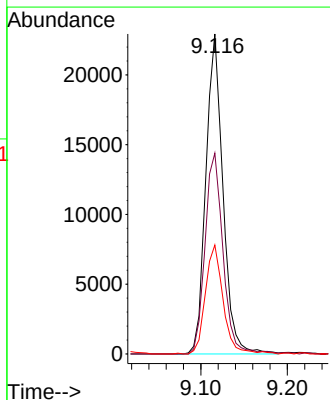
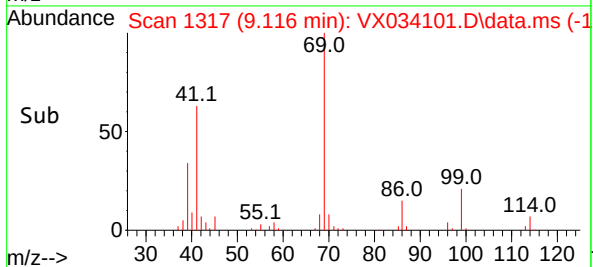
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

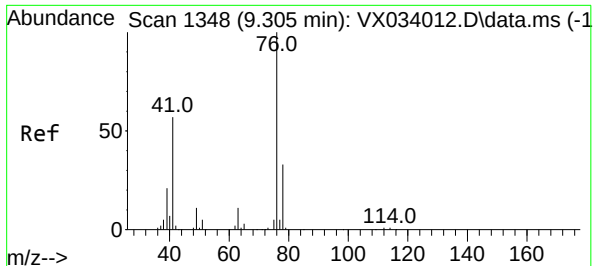


#56
Ethyl methacrylate
Concen: 19.067 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20



Tgt Ion: 69 Resp: 31539
Ion Ratio Lower Upper
69 100
41 66.1 55.1 82.7
39 35.4 28.5 42.7





#57

1,3-Dichloropropane

Concen: 19.236 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 76 Resp: 3721

Ion Ratio Lower Upper

76 100

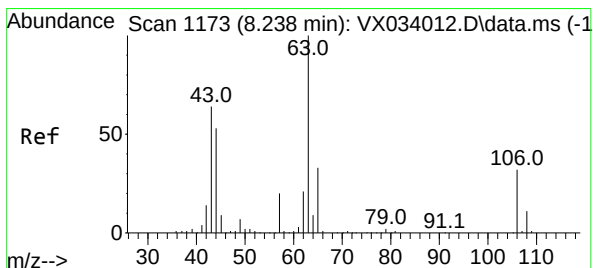
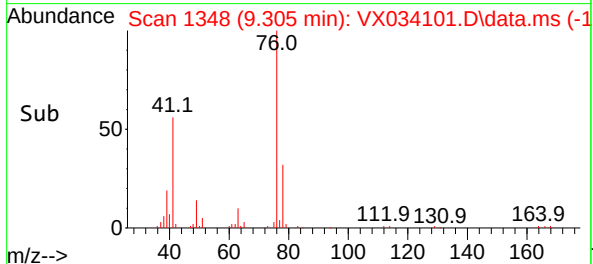
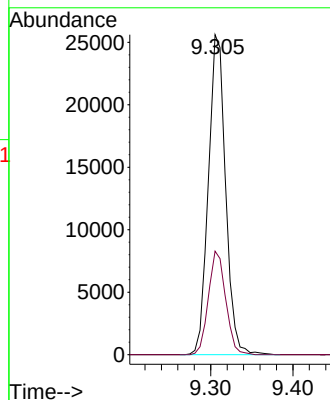
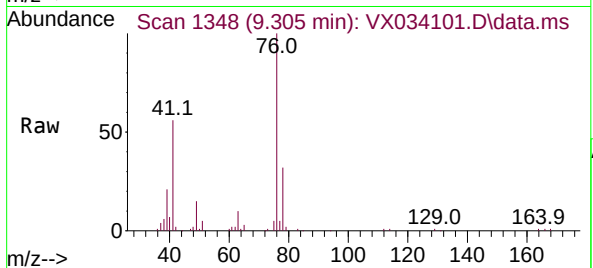
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 91.026 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034101.D

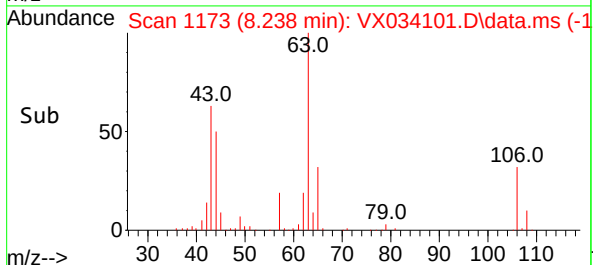
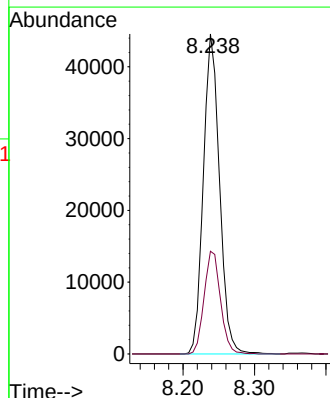
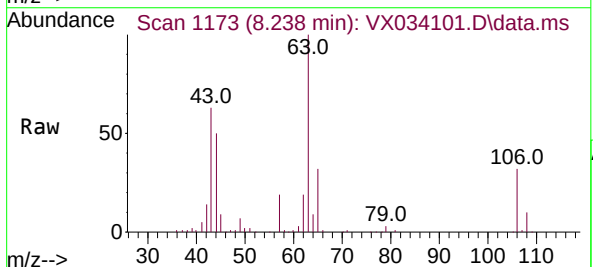
Acq: 09 Feb 2023 13:20

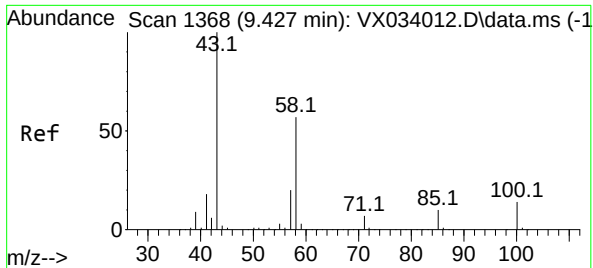
Tgt Ion: 63 Resp: 70055

Ion Ratio Lower Upper

63 100

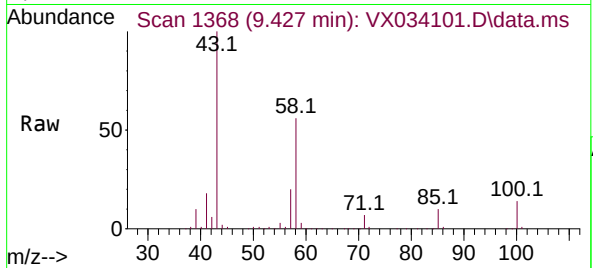
106 32.5 24.5 36.7





#59
2-Hexanone
Concen: 95.083 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

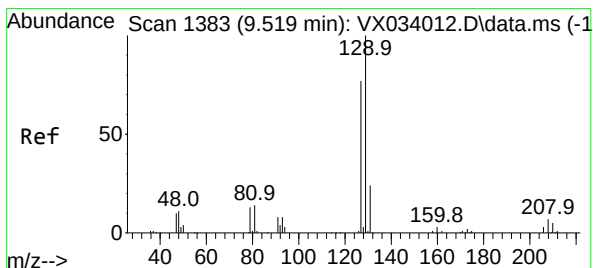
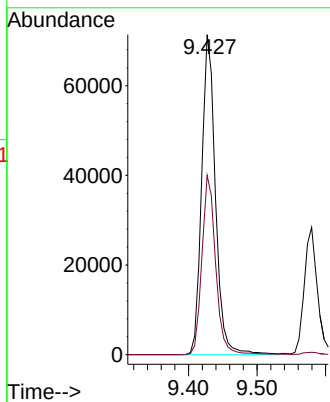
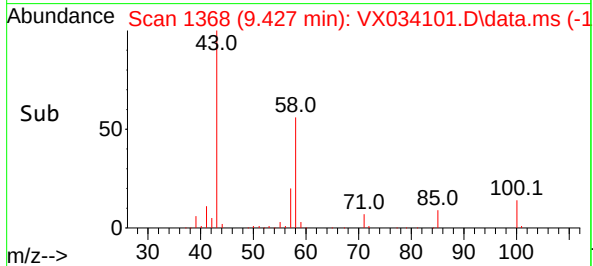
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



Tgt Ion: 43 Resp: 100260
Ion Ratio Lower Upper
43 100
58 55.9 27.4 82.0

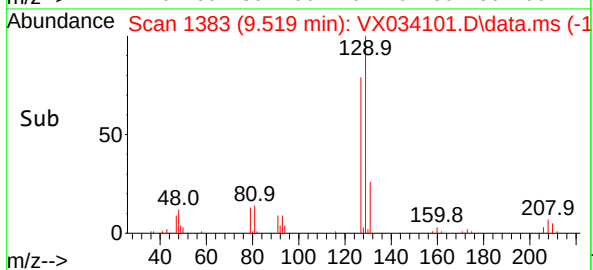
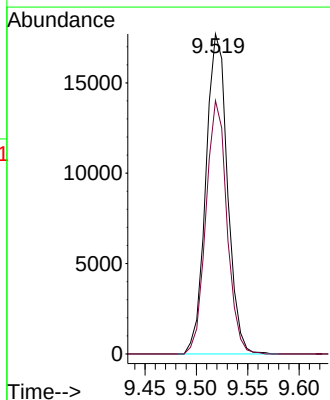
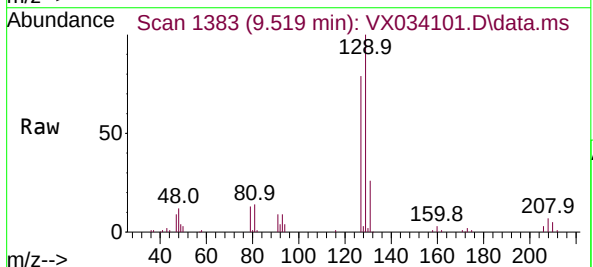
Manual Integrations
APPROVED

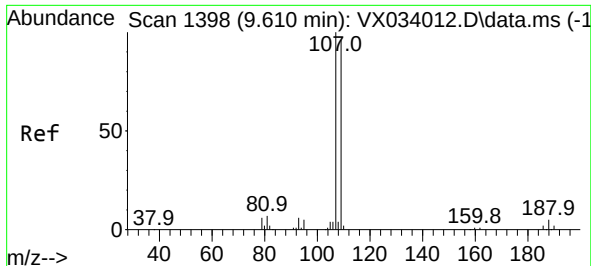
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#60
Dibromochloromethane
Concen: 19.745 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion:129 Resp: 25917
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





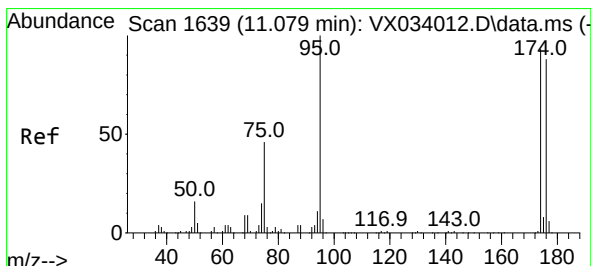
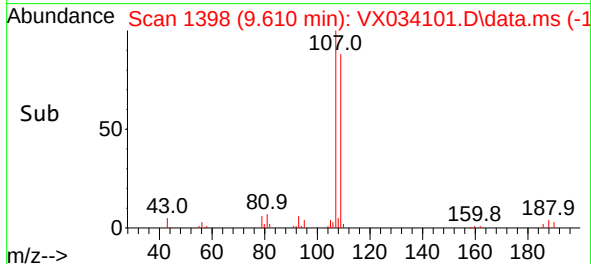
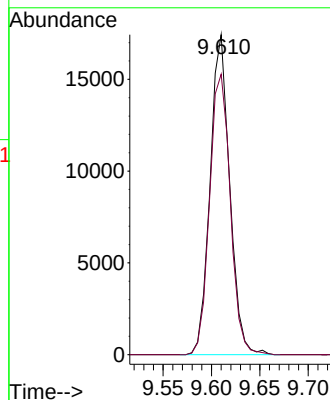
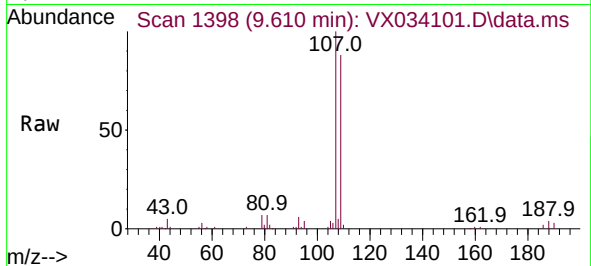
#61
1,2-Dibromoethane
Concen: 19.265 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument : MSVOA_X
ClientSampleId : VX0211MBSD01

Tgt Ion:107 Resp: 24534
Ion Ratio Lower Upper
107 100
109 92.6 74.2 111.2

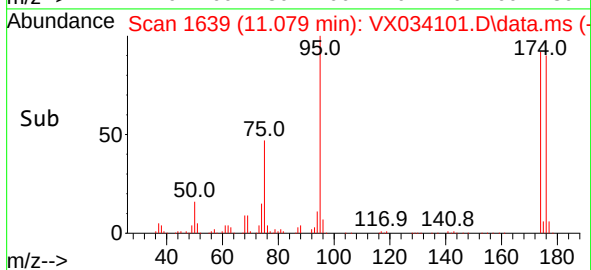
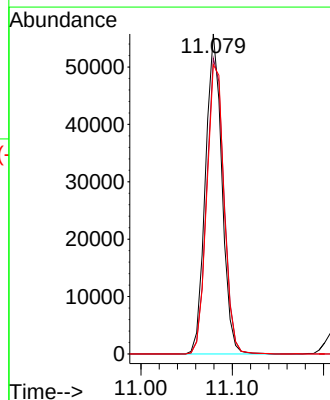
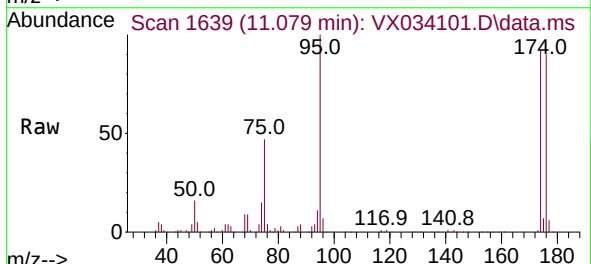
Manual Integrations
APPROVED

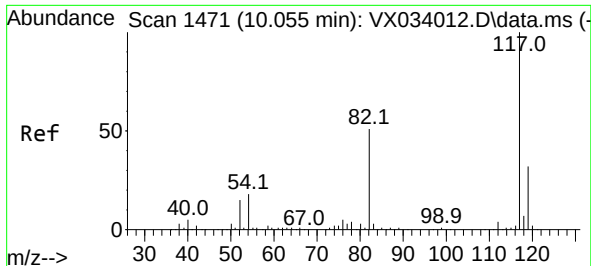
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#62
4-Bromofluorobenzene
Concen: 46.935 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

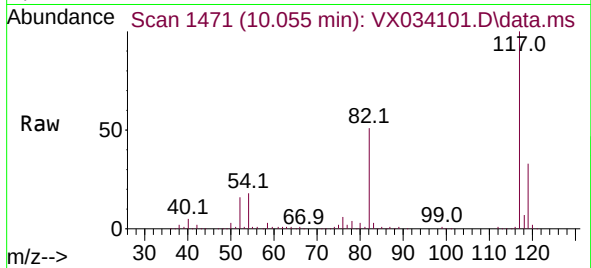
Tgt Ion: 95 Resp: 69655
Ion Ratio Lower Upper
95 100
174 96.3 0.0 184.4
176 94.7 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

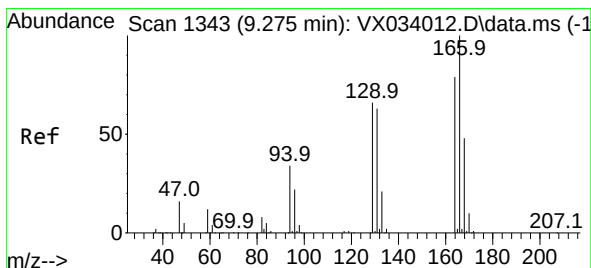
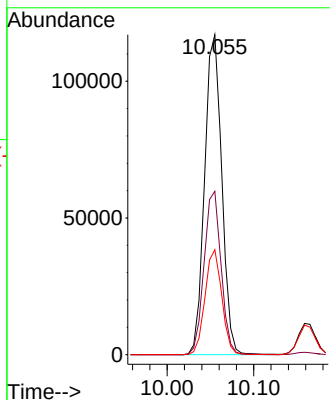
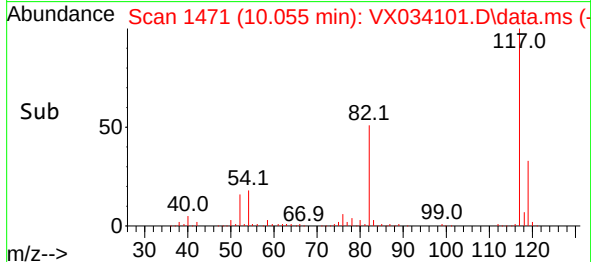
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



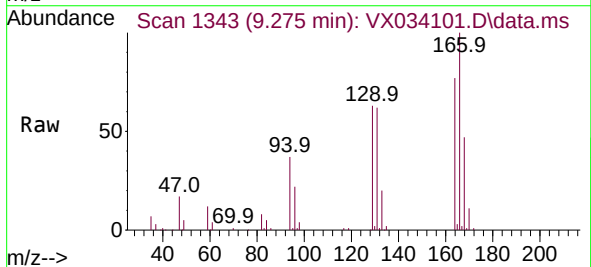
Tgt Ion:117 Resp: 161395
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 32.8 25.6 38.4

Manual Integrations
APPROVED

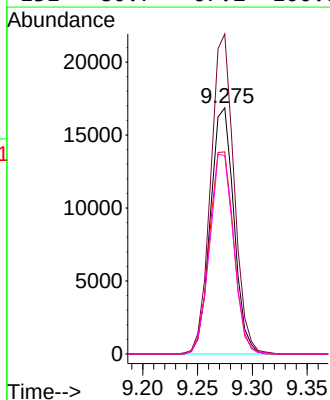
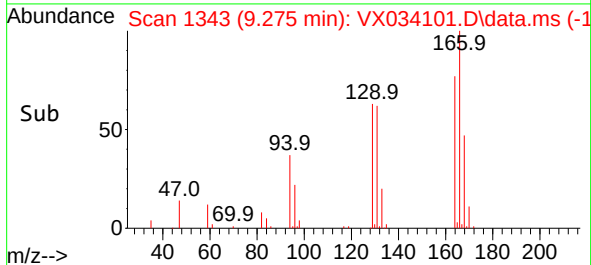
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

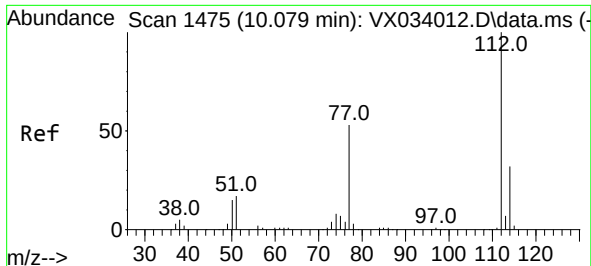


#64
Tetrachloroethene
Concen: 18.627 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20



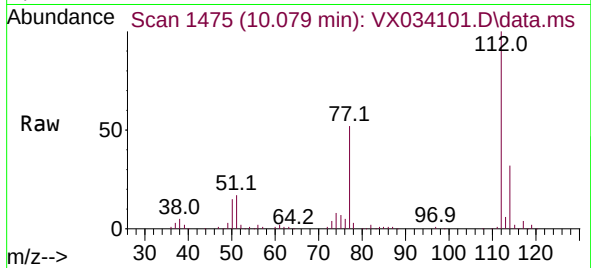
Tgt Ion:164 Resp: 25103
Ion Ratio Lower Upper
164 100
166 130.0 100.2 150.2
129 82.1 69.2 103.8
131 80.7 67.2 100.8





#65
Chlorobenzene
Concen: 18.547 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

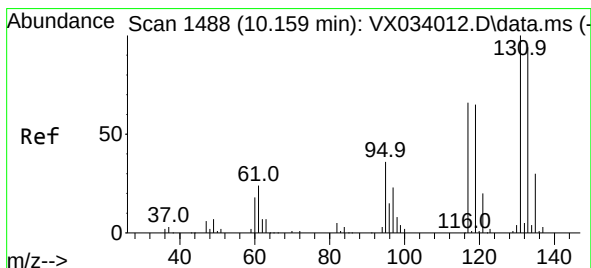
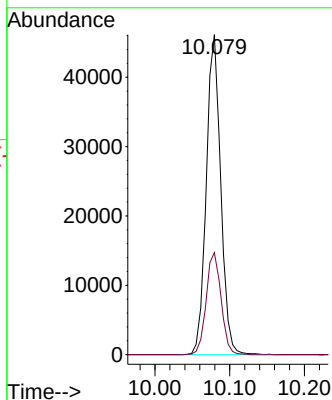
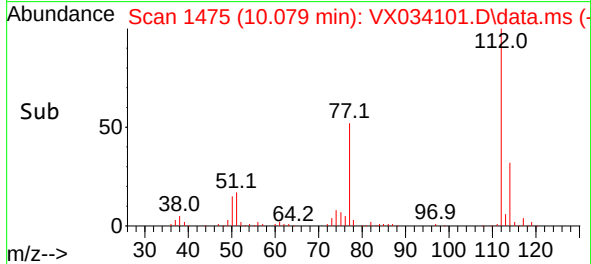
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



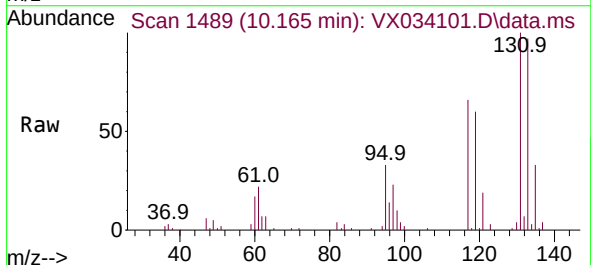
Tgt Ion:112 Resp: 61823
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

Manual Integrations
APPROVED

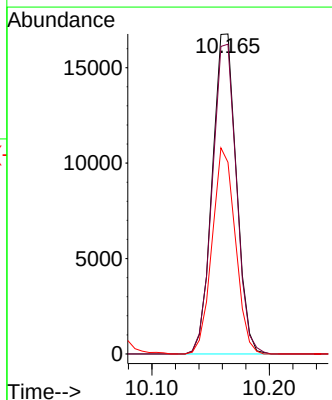
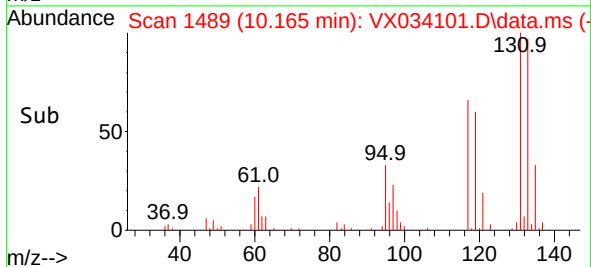
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

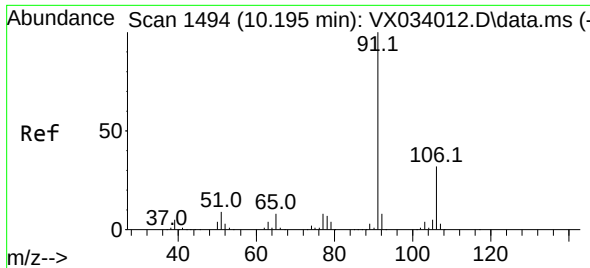


#66
1,1,1,2-Tetrachloroethane
Concen: 18.970 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20



Tgt Ion:131 Resp: 23895
Ion Ratio Lower Upper
131 100
133 97.1 48.4 145.0
119 62.1 31.9 95.7





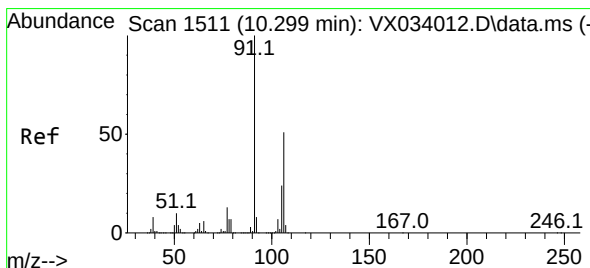
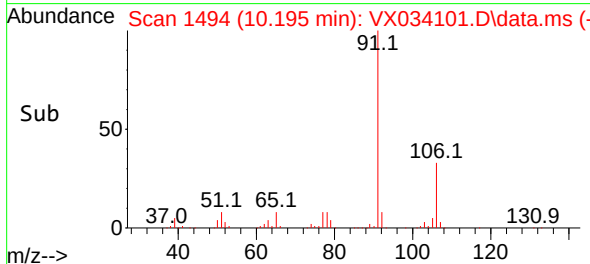
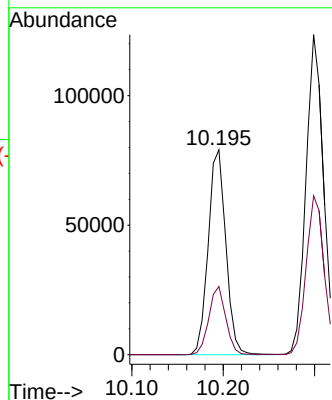
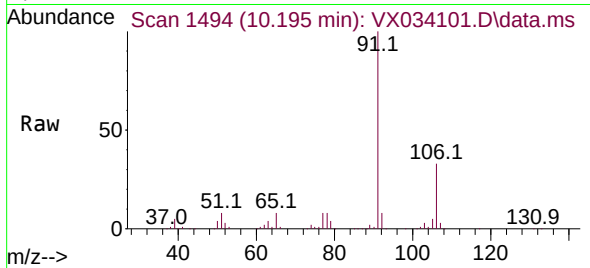
#67
Ethyl Benzene
Concen: 18.757 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion: 91 Resp: 105820
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.8

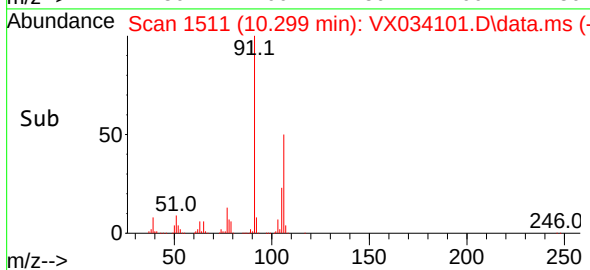
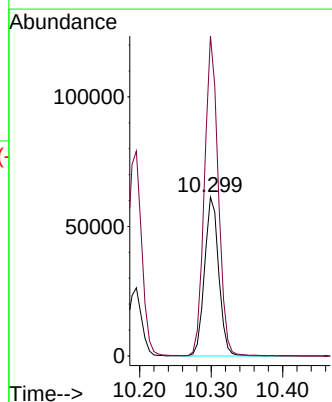
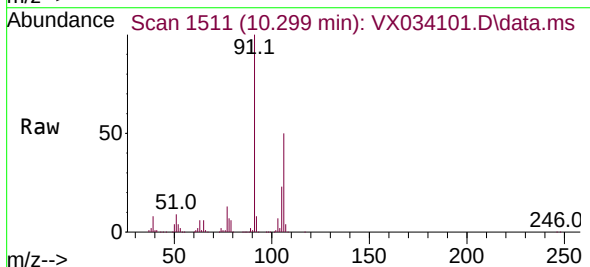
Manual Integrations
APPROVED

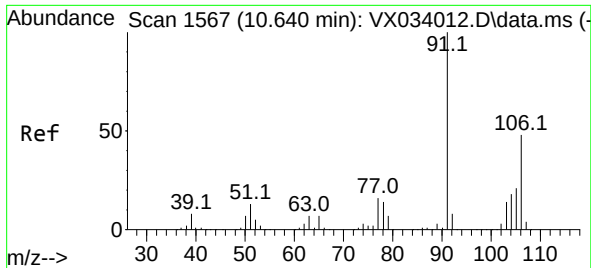
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#68
m/p-Xylenes
Concen: 37.422 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion:106 Resp: 84392
Ion Ratio Lower Upper
106 100
91 196.3 156.4 234.6





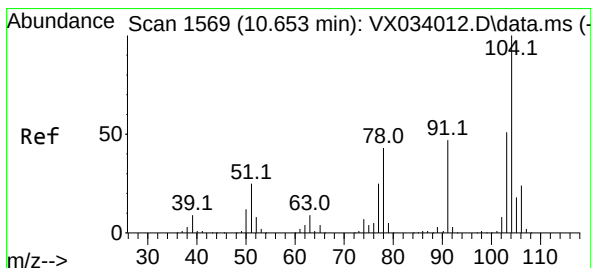
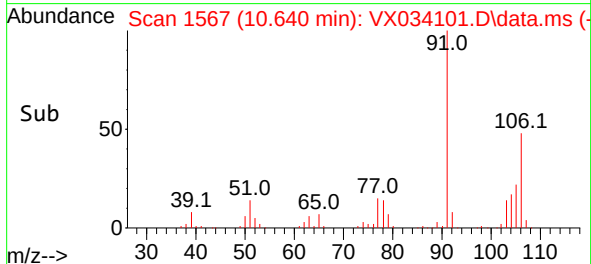
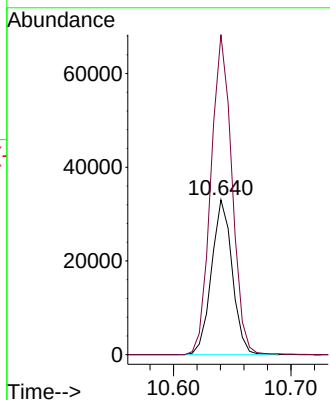
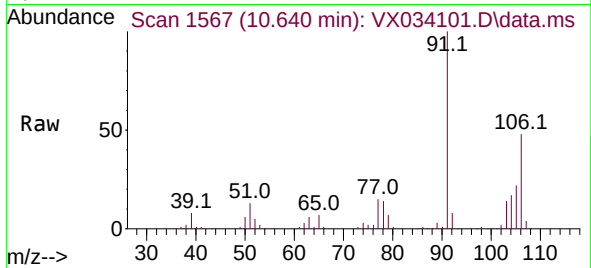
#69
o-Xylene
Concen: 18.681 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion:106 Resp: 40460
Ion Ratio Lower Upper
106 100
91 210.7 103.1 309.3

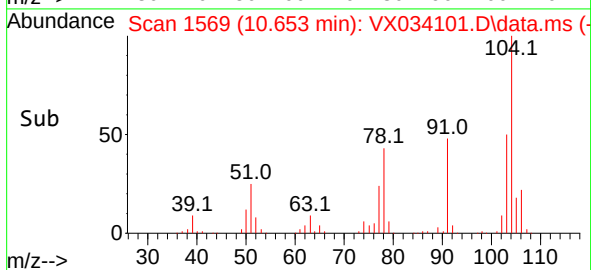
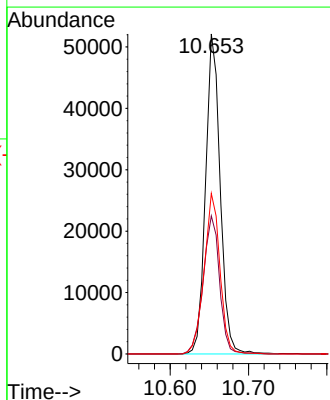
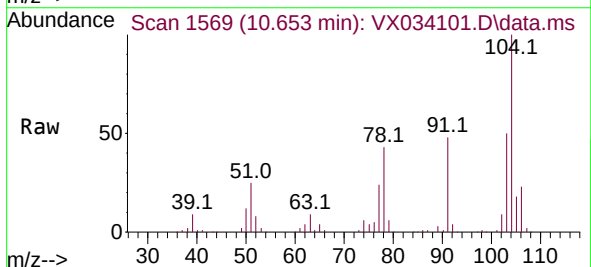
Manual Integrations
APPROVED

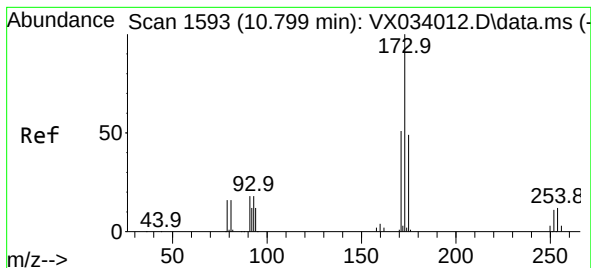
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#70
Styrene
Concen: 18.881 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion:104 Resp: 67352
Ion Ratio Lower Upper
104 100
78 48.5 37.5 56.3
103 54.5 43.3 64.9





#71

Bromoform

Concen: 19.444 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion:173 Resp: 19978

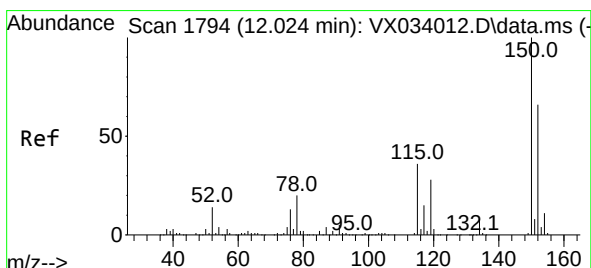
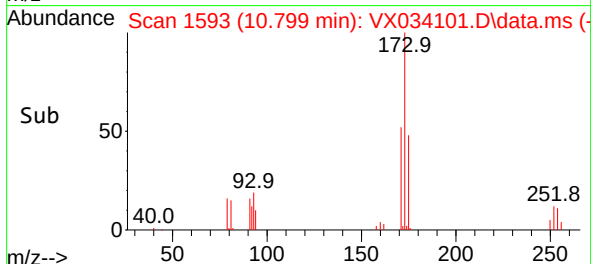
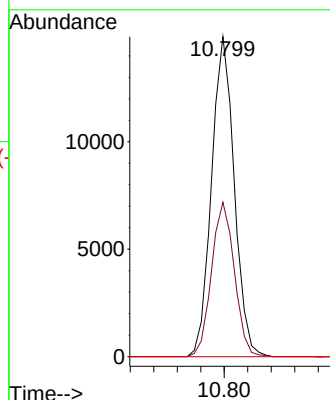
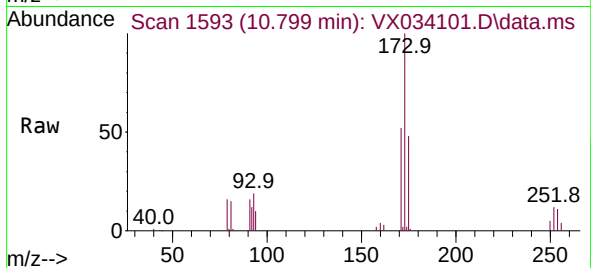
Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.3
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

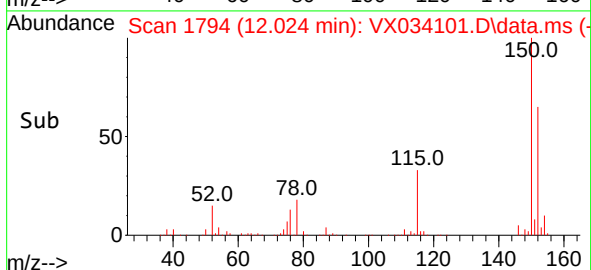
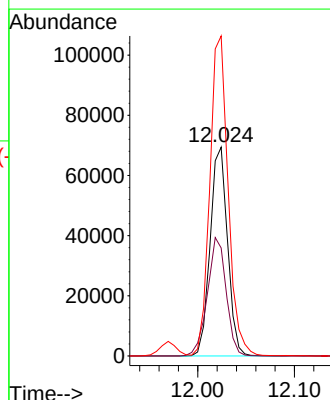
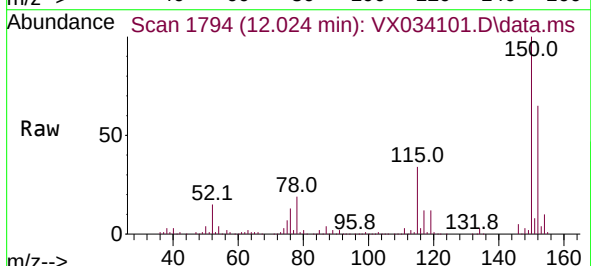
Delta R.T. -0.000 min

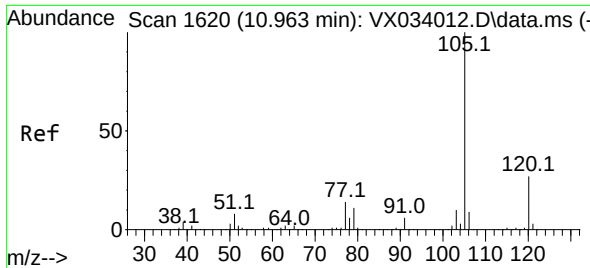
Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Tgt Ion:152 Resp: 86897

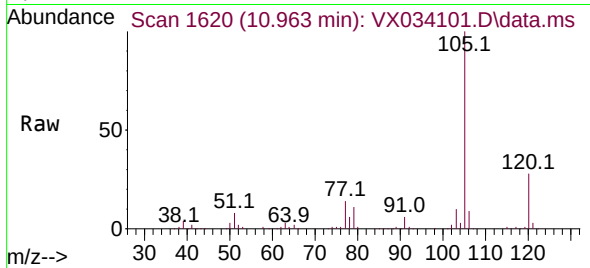
Ion	Ratio	Lower	Upper
152	100		
115	61.0	38.7	116.1
150	160.6	0.0	348.2





#73
Isopropylbenzene
Concen: 18.639 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

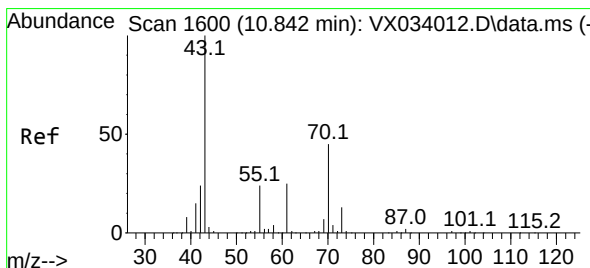
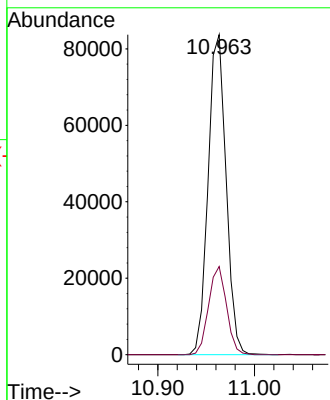
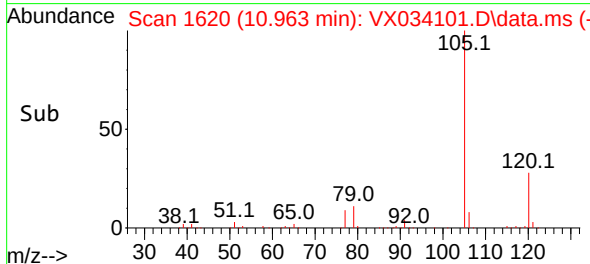
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



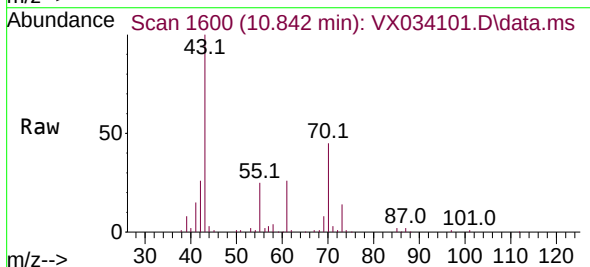
Tgt Ion: 105 Resp: 108249
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8

Manual Integrations
APPROVED

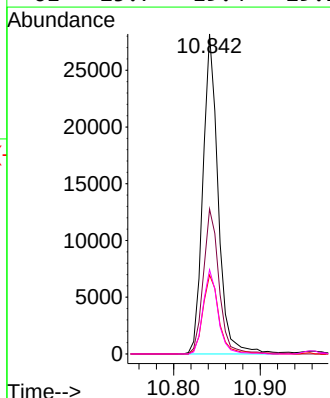
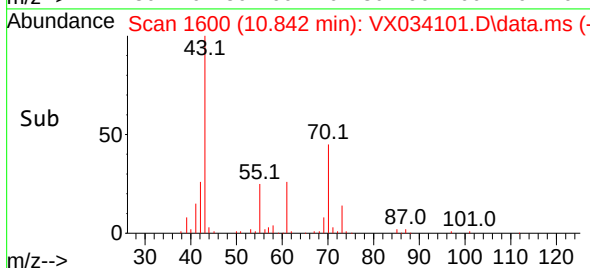
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

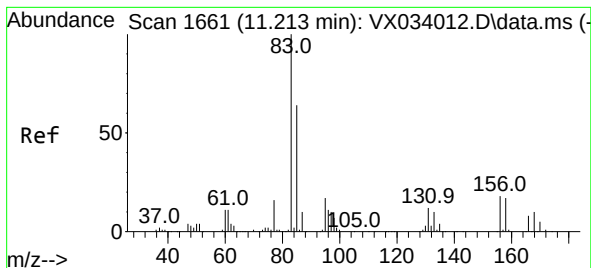


#74
N-ethyl acetate
Concen: 18.006 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20



Tgt Ion: 43 Resp: 34450
Ion Ratio Lower Upper
43 100
70 46.8 34.8 52.2
55 25.9 19.4 29.0
61 25.7 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.963 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 83 Resp: 3138

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.7

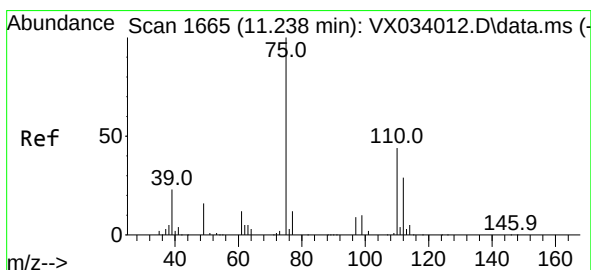
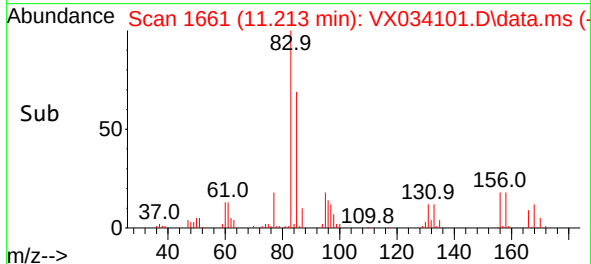
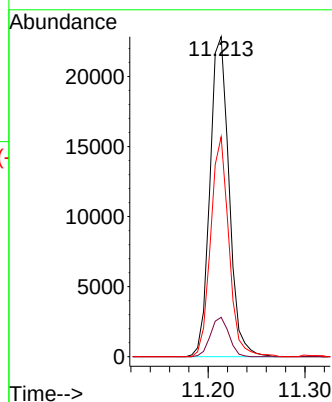
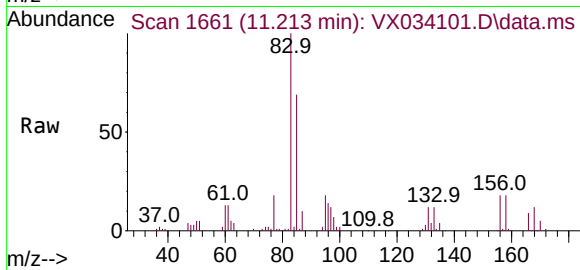
85 65.4 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#76

1,2,3-Trichloropropane

Concen: 17.544 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX034101.D

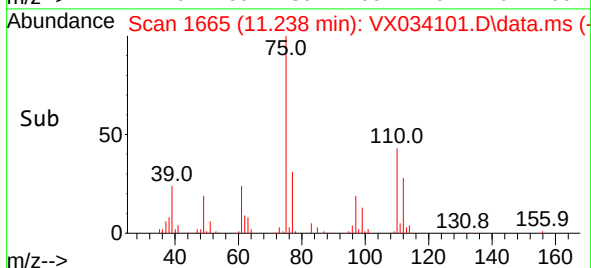
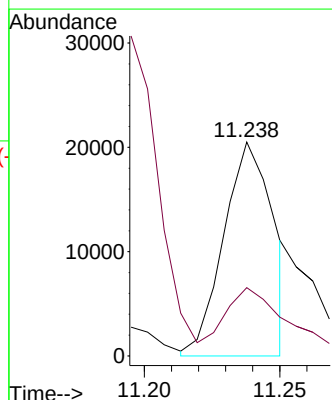
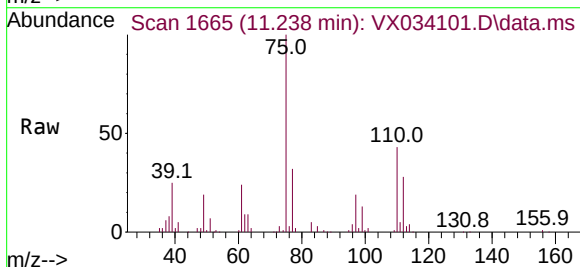
Acq: 09 Feb 2023 13:20

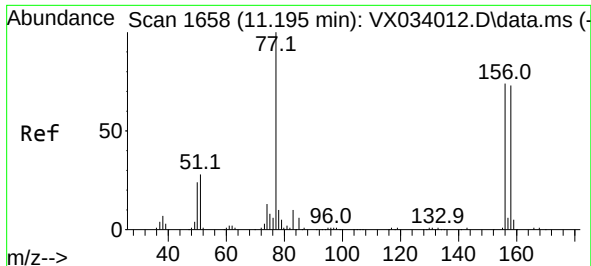
Tgt Ion: 75 Resp: 26177

Ion Ratio Lower Upper

75 100

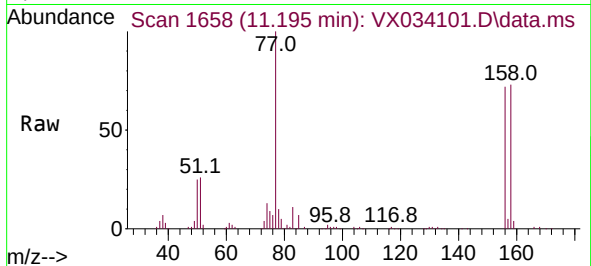
77 41.5 21.8 65.4





#77
Bromobenzene
Concen: 18.591 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

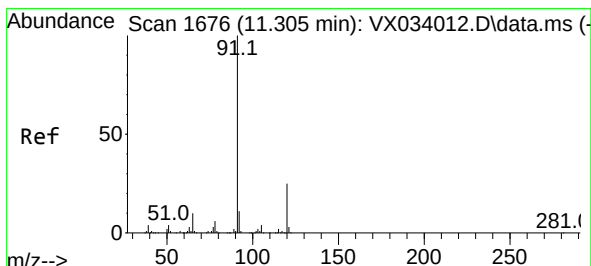
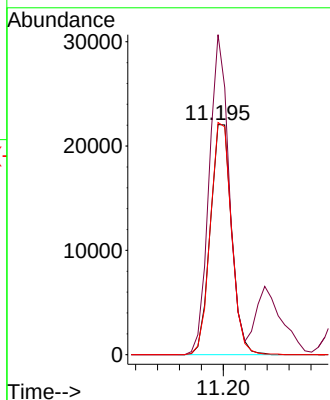
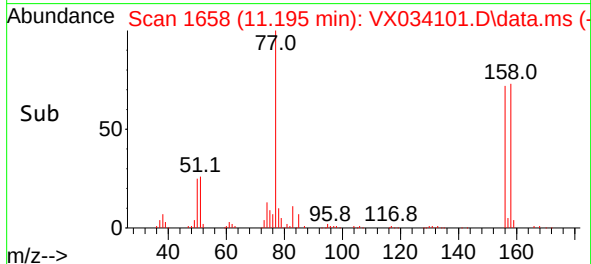
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



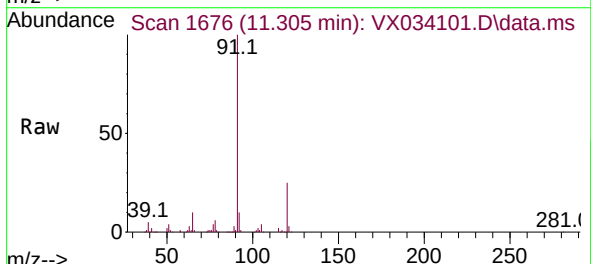
Tgt Ion:156 Resp: 29939
Ion Ratio Lower Upper
156 100
77 129.3 68.1 204.3
158 99.5 48.0 144.2

Manual Integrations
APPROVED

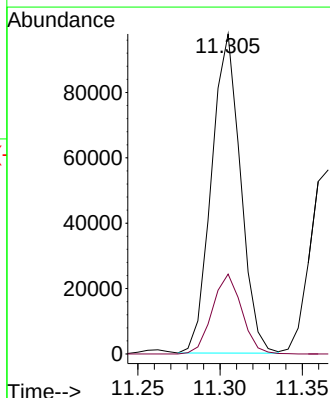
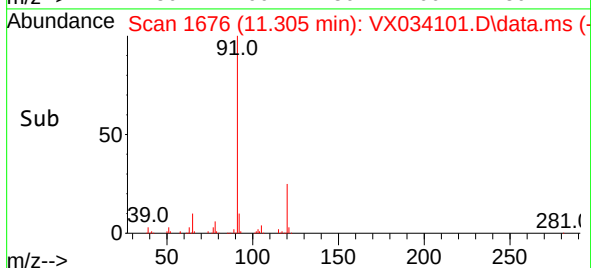
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

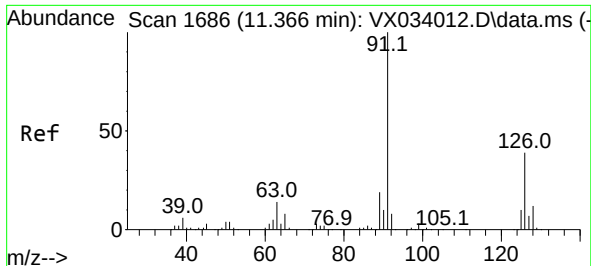


#78
n-propylbenzene
Concen: 18.670 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20



Tgt Ion: 91 Resp: 119884
Ion Ratio Lower Upper
91 100
120 25.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 18.345 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 91 Resp: 7132

Ion Ratio Lower Upper

91 100

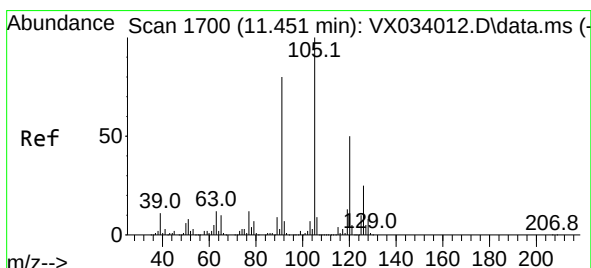
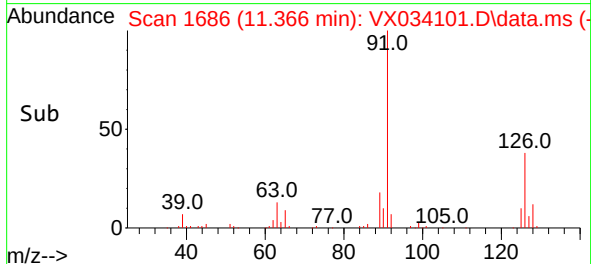
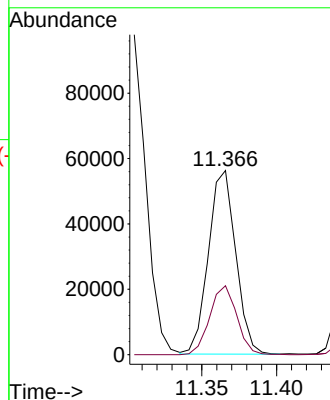
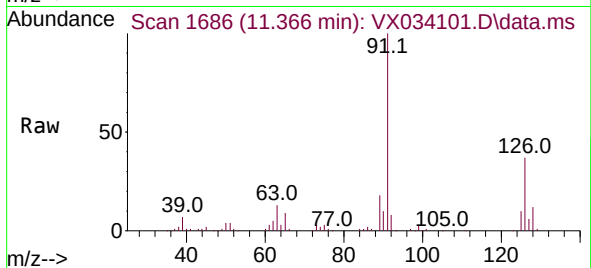
126 37.2 18.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#80

1,3,5-Trimethylbenzene

Concen: 18.984 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034101.D

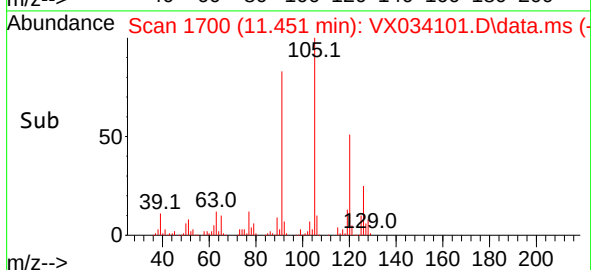
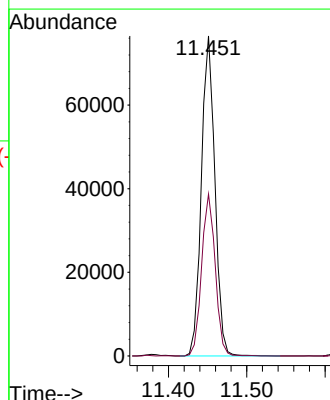
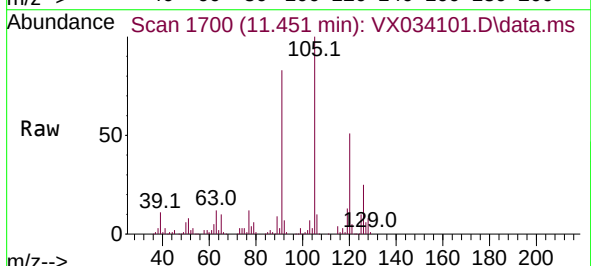
Acq: 09 Feb 2023 13:20

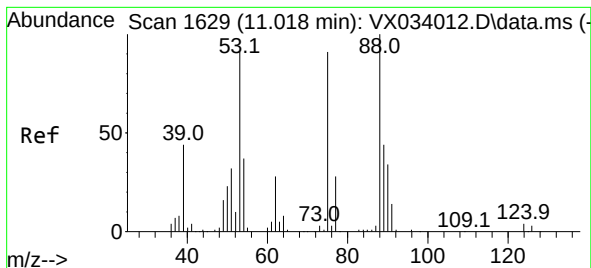
Tgt Ion:105 Resp: 91770

Ion Ratio Lower Upper

105 100

120 50.9 25.6 76.8





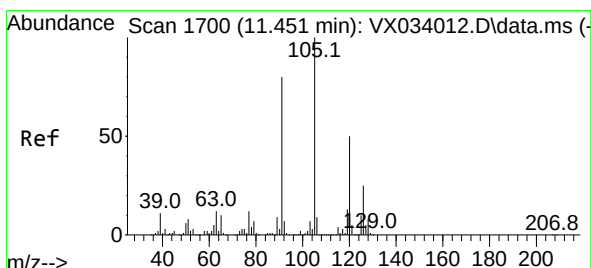
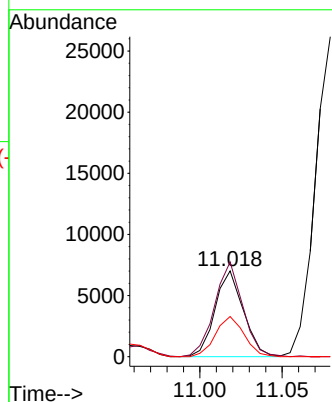
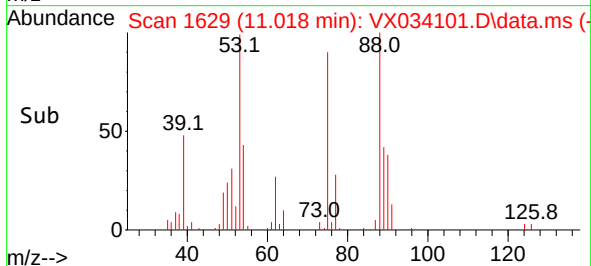
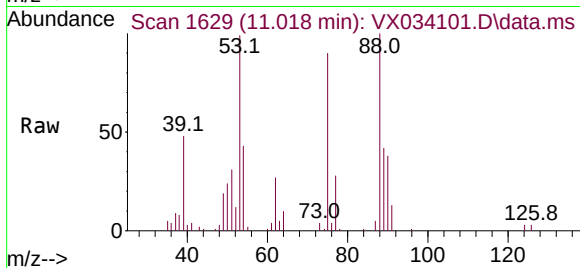
#81
trans-1,4-Dichloro-2-butene
Concen: 17.414 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion: 75 Resp: 843
Ion Ratio Lower Upper
75 100
53 109.8 83.0 124.6
89 47.1 37.7 56.5

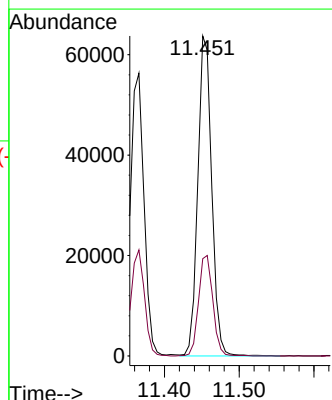
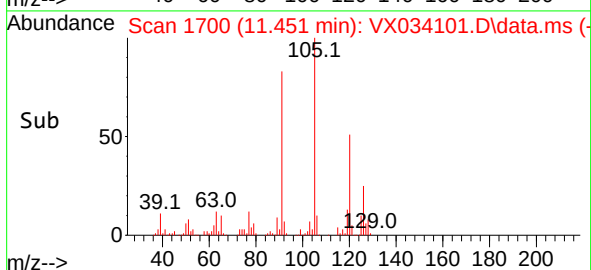
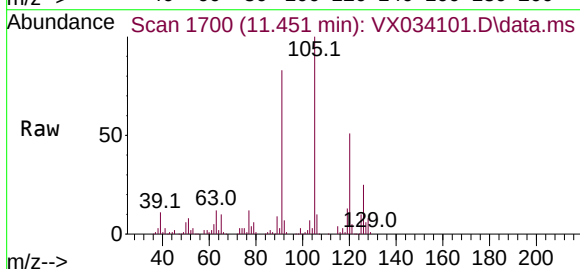
Manual Integrations
APPROVED

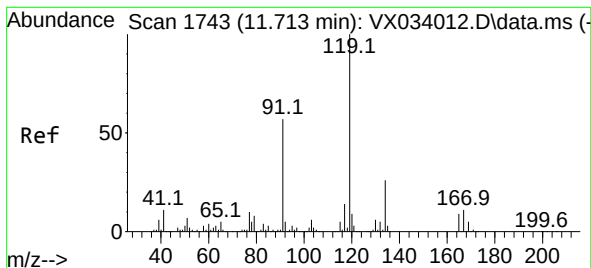
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#82
4-Chlorotoluene
Concen: 18.727 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion: 91 Resp: 82352
Ion Ratio Lower Upper
91 100
126 32.1 15.8 47.4





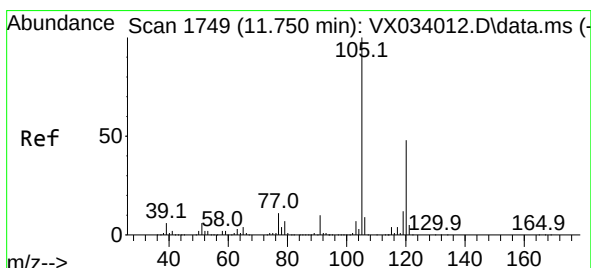
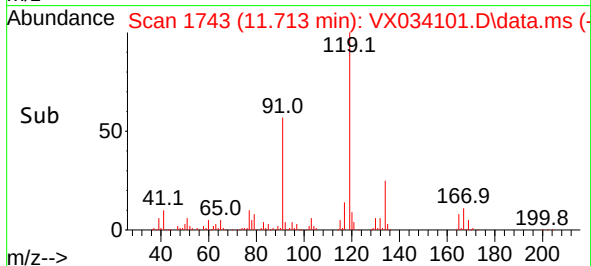
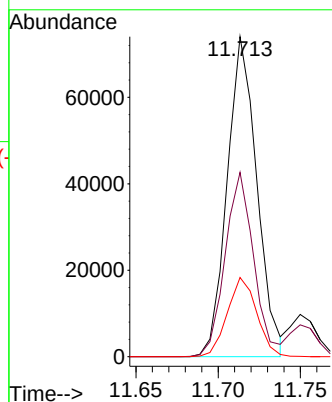
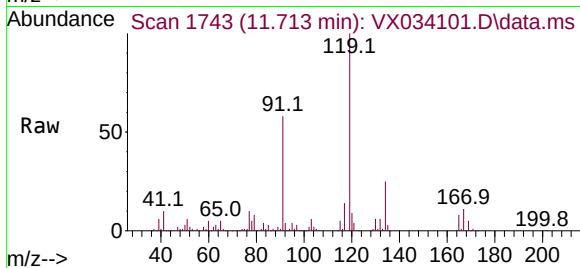
#83
tert-Butylbenzene
Concen: 18.665 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion:119 Resp: 9321
Ion Ratio Lower Upper
119 100
91 55.5 26.9 80.7
134 24.6 12.3 36.8

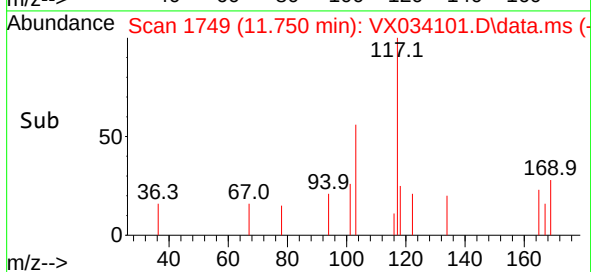
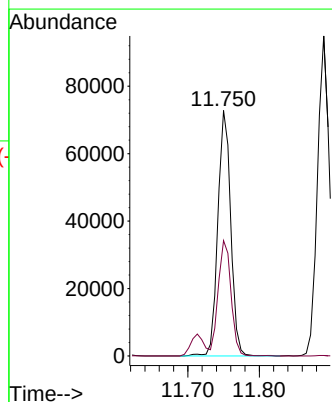
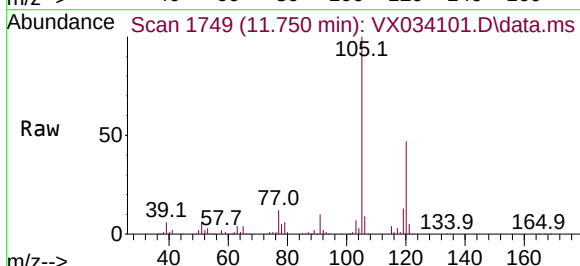
Manual Integrations
APPROVED

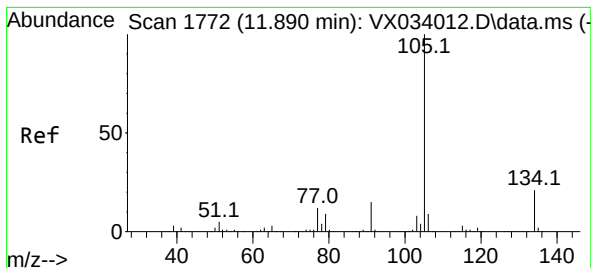
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.815 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion:105 Resp: 90867
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.2





#85

sec-Butylbenzene

Concen: 18.790 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion:105 Resp: 11227

Ion Ratio Lower Upper

105 100

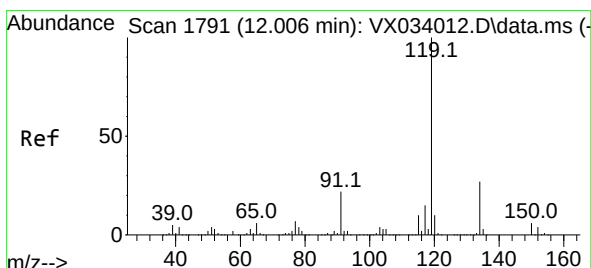
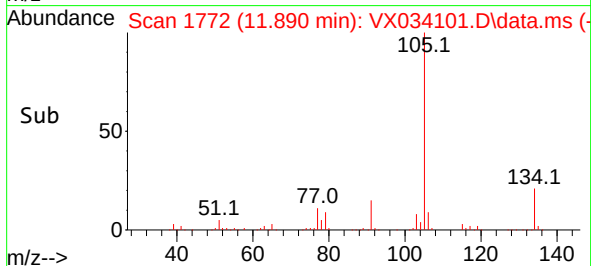
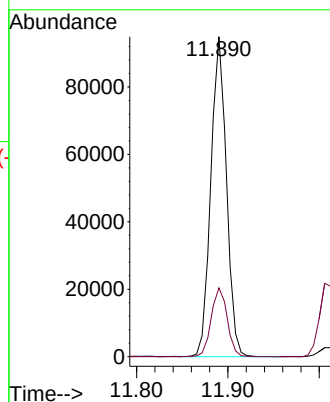
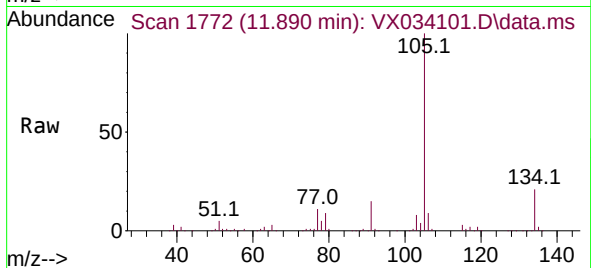
134 22.0 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#86

p-Isopropyltoluene

Concen: 19.051 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

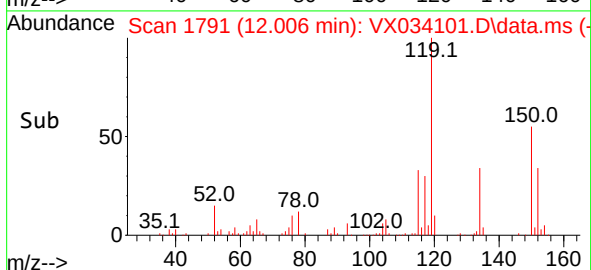
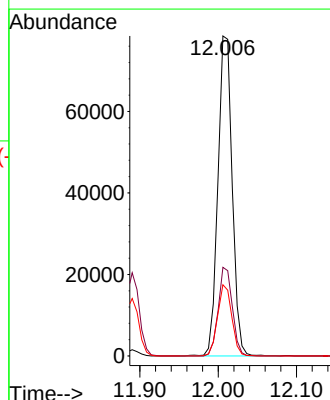
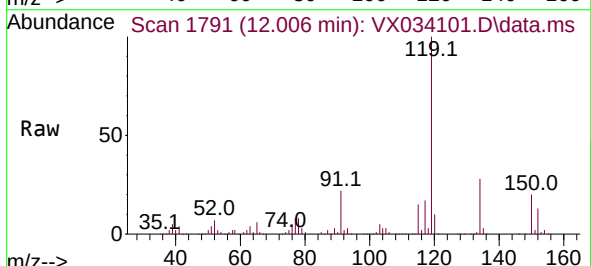
Tgt Ion:119 Resp: 99839

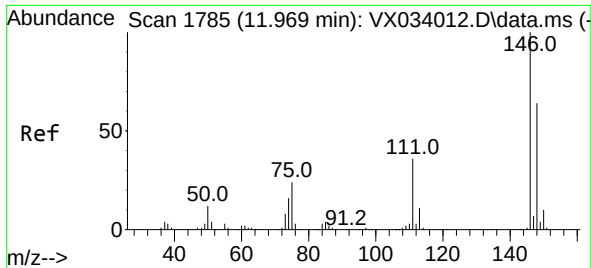
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

91 22.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 18.348 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion:146 Resp: 54210

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.6

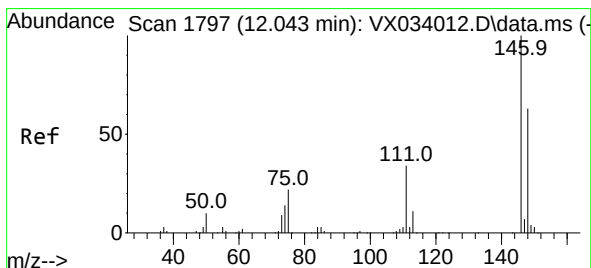
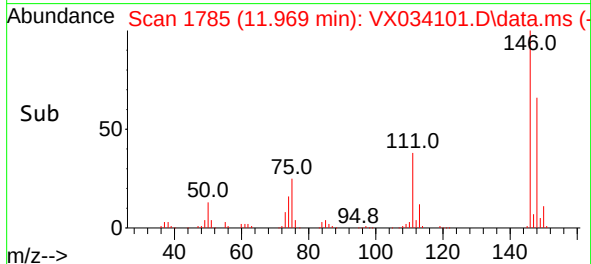
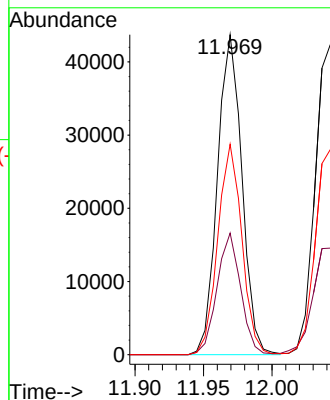
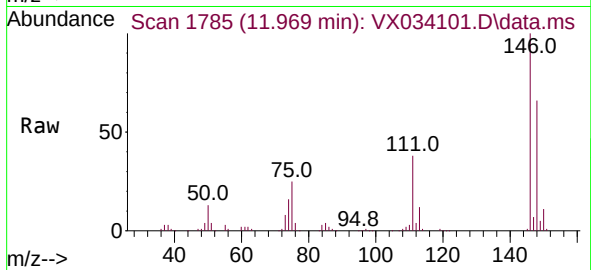
148 64.8 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#88

1,4-Dichlorobenzene

Concen: 18.090 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

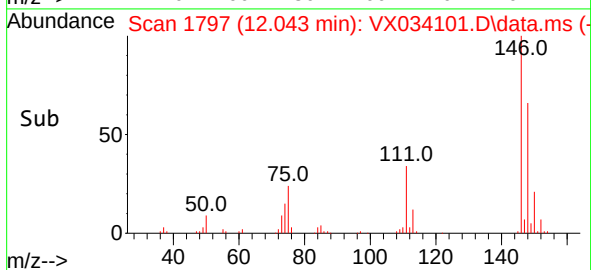
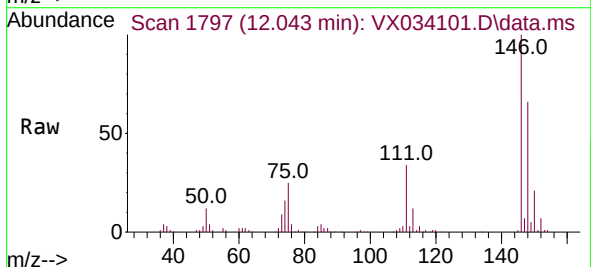
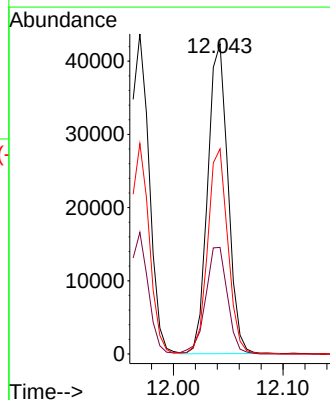
Tgt Ion:146 Resp: 54270

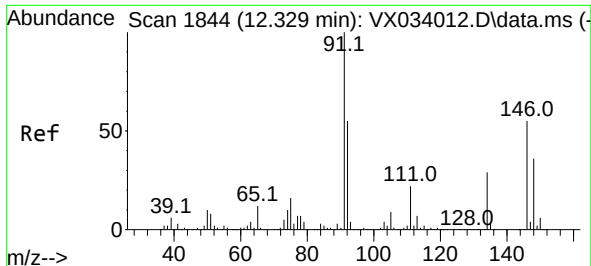
Ion Ratio Lower Upper

146 100

111 37.1 17.8 53.4

148 66.2 32.1 96.3





#89

n-Butylbenzene

Concen: 18.489 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion: 91 Resp: 75970

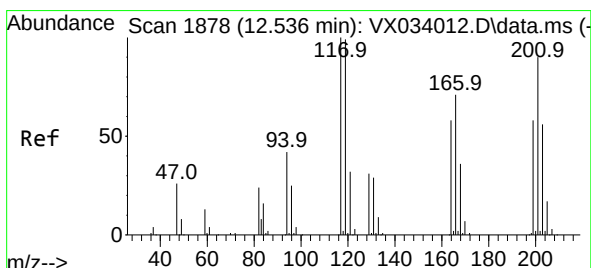
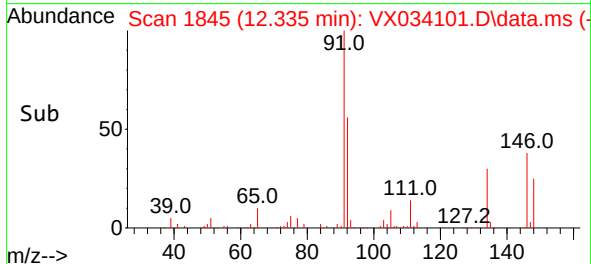
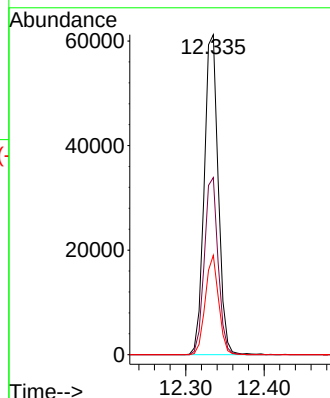
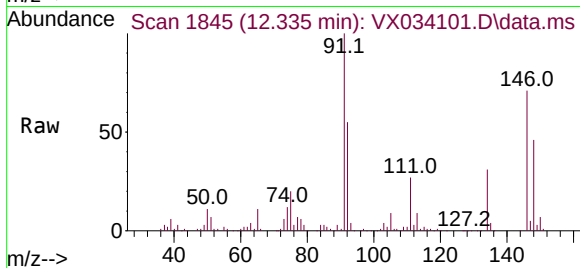
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.5
134	29.6	14.3	42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#90

Hexachloroethane

Concen: 18.465 ug/l

RT: 12.536 min Scan# 1878

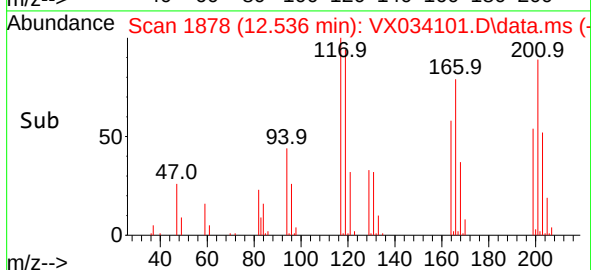
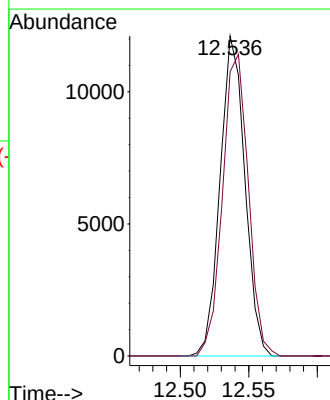
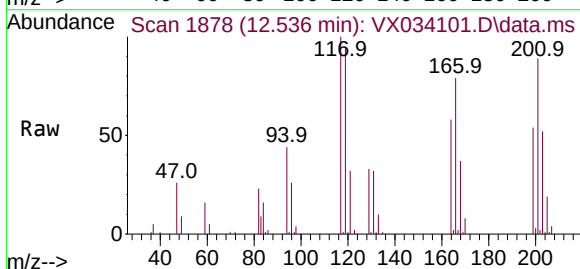
Delta R.T. -0.000 min

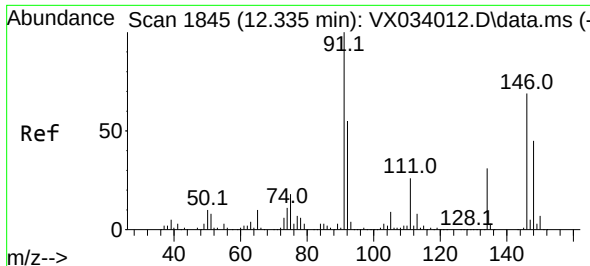
Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Tgt Ion:117 Resp: 15234

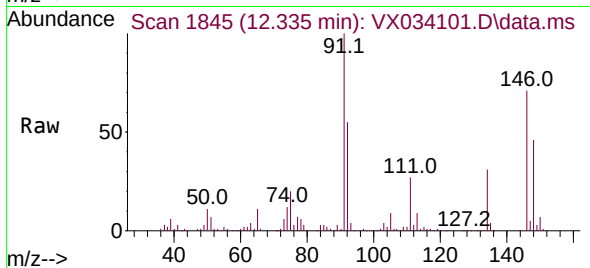
Ion	Ratio	Lower	Upper
117	100		
201	98.1	45.1	135.3





#91
1,2-Dichlorobenzene
Concen: 18.496 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

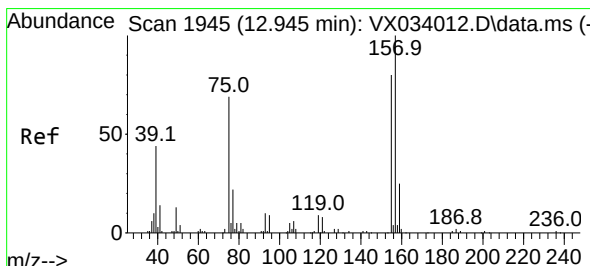
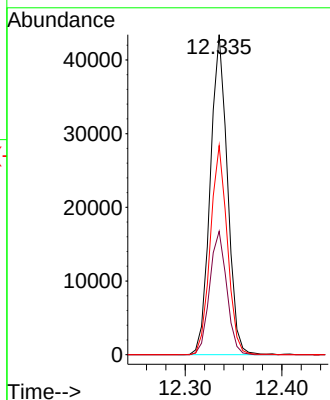
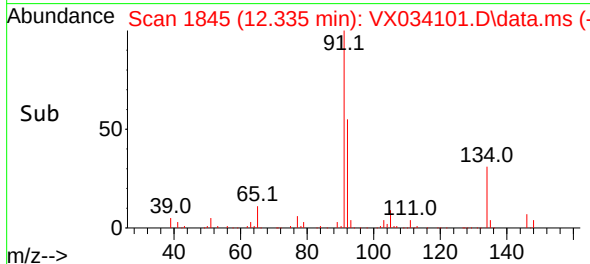
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01



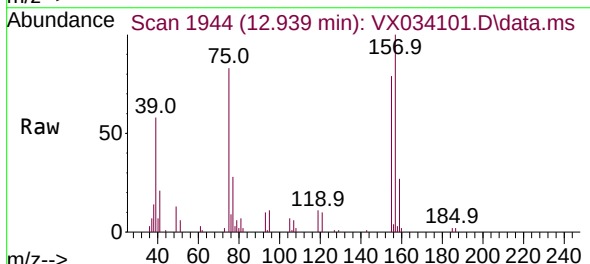
Tgt Ion:146 Resp: 53304
Ion Ratio Lower Upper
146 100
111 38.2 19.3 57.8
148 64.6 32.3 96.9

Manual Integrations
APPROVED

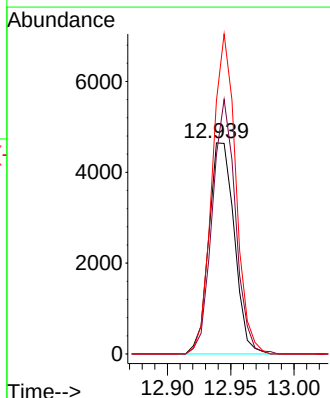
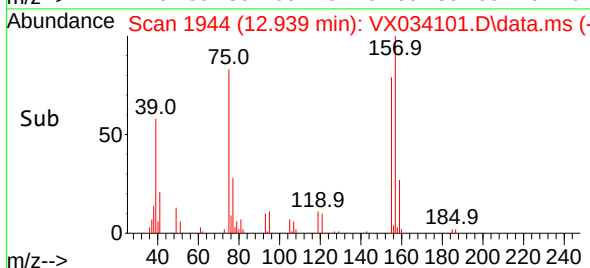
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

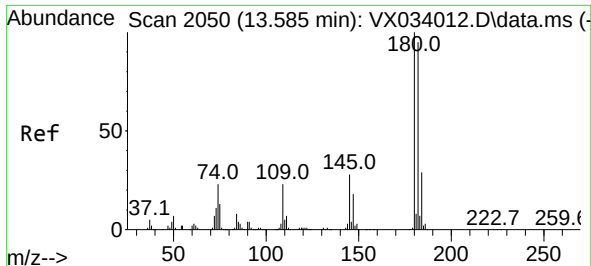


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.923 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20



Tgt Ion: 75 Resp: 6502
Ion Ratio Lower Upper
75 100
155 109.8 51.7 155.1
157 140.1 67.5 202.3





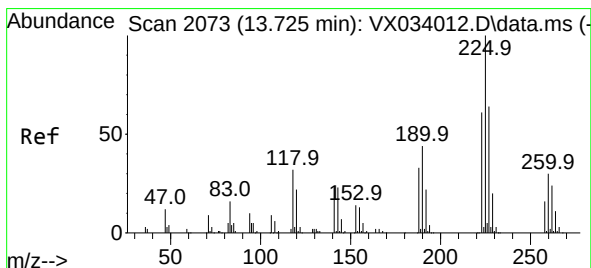
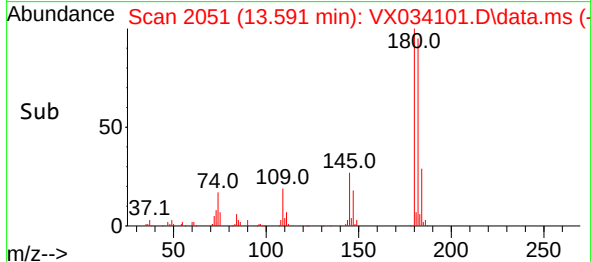
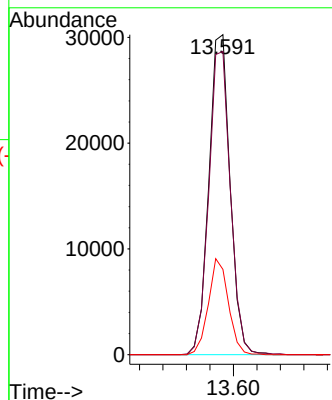
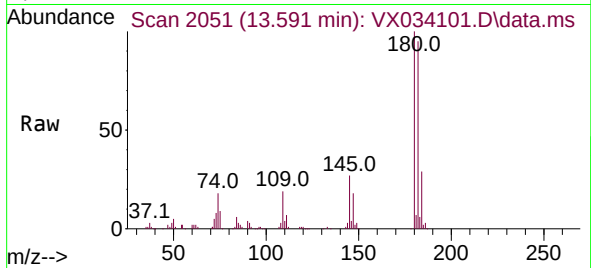
#93
1,2,4-Trichlorobenzene
Concen: 18.666 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Tgt Ion:180 Resp: 38009
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 28.2 14.1 42.2

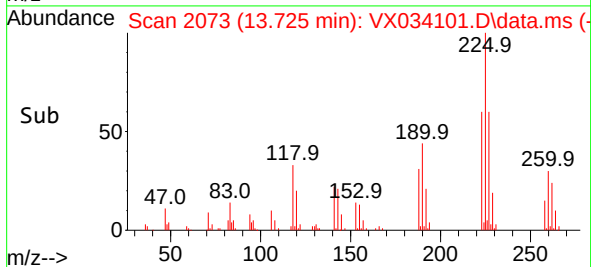
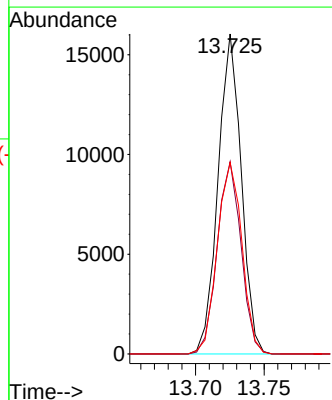
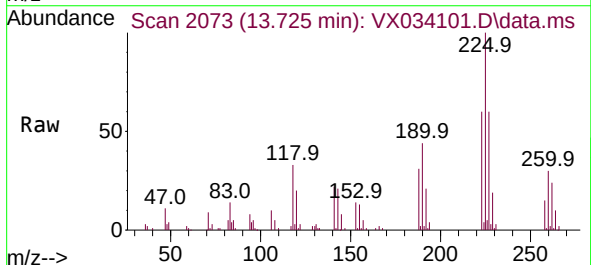
Manual Integrations
APPROVED

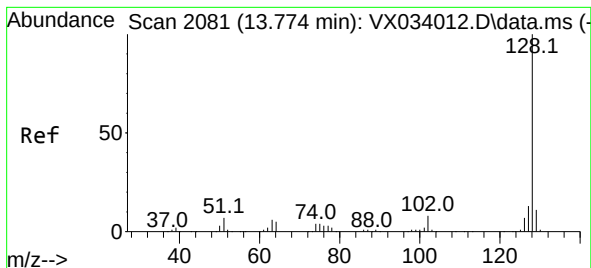
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#94
Hexachlorobutadiene
Concen: 18.719 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034101.D
Acq: 09 Feb 2023 13:20

Tgt Ion:225 Resp: 18867
Ion Ratio Lower Upper
225 100
223 61.7 31.3 93.9
227 63.6 32.3 96.9





#95

Naphthalene

Concen: 18.933 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBSD01

Tgt Ion:128 Resp: 105920

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

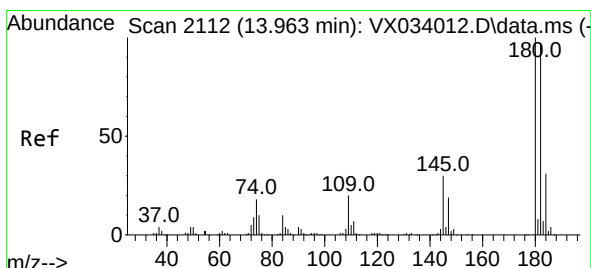
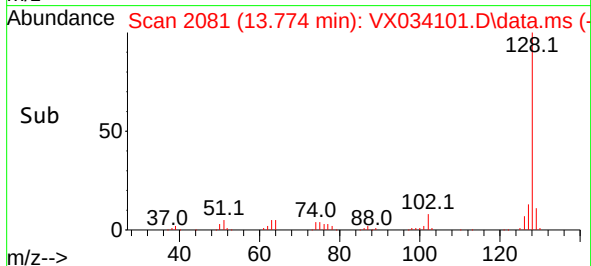
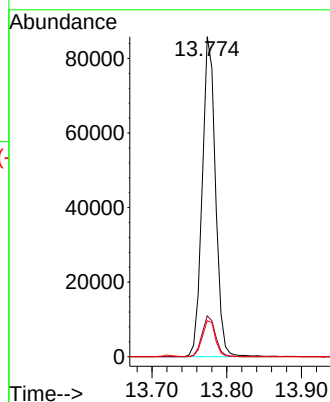
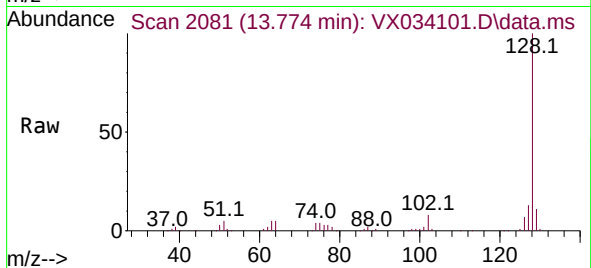
129 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.846 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034101.D

Acq: 09 Feb 2023 13:20

Tgt Ion:180 Resp: 38548

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 30.7 15.1 45.3

