

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030931.D
 Acq On : 30 Aug 2022 11:03
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 30 12:05:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:03:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62526	20.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.980%#		
35) Dibromofluoromethane	5.397	113	53682	22.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	44.040%#		
50) Toluene-d8	8.653	98	193786	21.242	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	42.480%#		
62) 4-Bromofluorobenzene	11.085	95	72753	22.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	44.960%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	41747	18.484	ug/l	100
3) Chloromethane	1.294	50	41148	18.084	ug/l	98
4) Vinyl Chloride	1.374	62	51935	19.974	ug/l	99
5) Bromomethane	1.605	94	17625	15.121	ug/l	93
6) Chloroethane	1.685	64	30011	19.117	ug/l	94
7) Trichlorofluoromethane	1.886	101	78564	20.096	ug/l	98
8) Diethyl Ether	2.136	74	30838	20.271	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	48909	19.892	ug/l	96
10) Methyl Iodide	2.453	142	37954	19.886	ug/l	94
11) Tert butyl alcohol	2.983	59	69739	95.030	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	49943	21.025	ug/l	92
13) Acrolein	2.245	56	40995	128.638	ug/l	100
14) Allyl chloride	2.666	41	82627	18.959	ug/l	98
15) Acrylonitrile	3.075	53	156318	97.194	ug/l	98
16) Acetone	2.392	43	127663	92.005	ug/l	100
17) Carbon Disulfide	2.514	76	125597	20.029	ug/l	99
18) Methyl Acetate	2.709	43	78540	19.541	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	163561	20.279	ug/l	96
20) Methylene Chloride	2.794	84	56553	18.621	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	53103	20.167	ug/l	92
22) Diisopropyl ether	3.770	45	169152	20.185	ug/l	89
23) Vinyl Acetate	3.727	43	686877	100.795	ug/l	99
24) 1,1-Dichloroethane	3.617	63	100697	20.283	ug/l	98
25) 2-Butanone	4.568	43	213684	94.181	ug/l	99
26) 2,2-Dichloropropane	4.477	77	70754	20.974	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	60303	20.148	ug/l	94
28) Bromochloromethane	4.910	49	32240	19.550	ug/l	94
29) Tetrahydrofuran	5.019	42	142335	97.721	ug/l	98
30) Chloroform	5.105	83	101643	20.160	ug/l	97
31) Cyclohexane	5.477	56	85619	19.858	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	85336	20.022	ug/l	98
36) 1,1-Dichloropropene	5.696	75	74239	20.131	ug/l	98
37) Ethyl Acetate	4.721	43	82088	20.184	ug/l	99
38) Carbon Tetrachloride	5.684	117	73582	20.298	ug/l	96
39) Methylcyclohexane	7.385	83	92486	21.481	ug/l	98
40) Benzene	6.044	78	219305	20.688	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46288	20.418	ug/l	98
42) 1,2-Dichloroethane	6.092	62	74879	20.257	ug/l	99
43) Isopropyl Acetate	6.348	43	126549	20.364	ug/l	99
44) Trichloroethene	7.135	130	61955	20.959	ug/l	89
45) 1,2-Dichloropropane	7.434	63	57746	19.827	ug/l	97
46) Dibromomethane	7.586	93	39797	20.165	ug/l	99
47) Bromodichloromethane	7.830	83	75753	20.377	ug/l	98
48) Methyl methacrylate	7.696	41	61382	19.619	ug/l	95
49) 1,4-Dioxane	7.677	88	32194	394.009	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	419952	101.152	ug/l	96
52) Toluene	8.720	92	140816	21.794	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	81173	21.648	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	87527	20.898	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	57982	21.211	ug/l	97
56) Ethyl methacrylate	9.122	69	88033	21.138	ug/l	94
57) 1,3-Dichloropropane	9.311	76	94592	19.894	ug/l	99
59) 2-Hexanone	9.433	43	321989	99.423	ug/l	99
60) Dibromochloromethane	9.525	129	58464	20.854	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62619	21.132	ug/l	95
64) Tetrachloroethene	9.275	164	58995	21.374	ug/l	98
65) Chlorobenzene	10.079	112	147327	20.997	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	52415	21.036	ug/l	98
67) Ethyl Benzene	10.195	91	267142	21.472	ug/l	97
68) m/p-Xylenes	10.305	106	204033	42.976	ug/l	96
69) o-Xylene	10.646	106	101439	21.726	ug/l	96
70) Styrene	10.659	104	166169	21.562	ug/l	99
71) Bromoform	10.805	173	41188	21.155	ug/l #	98
73) Isopropylbenzene	10.963	105	262517	20.803	ug/l	99
74) N-amyl acetate	10.848	43	103110	20.186	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	84214	18.920	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	86179m	20.714	ug/l	
77) Bromobenzene	11.201	156	61832	20.230	ug/l	97
78) n-propylbenzene	11.305	91	309166	21.105	ug/l	99
79) 2-Chlorotoluene	11.366	91	182625	19.980	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	222165	20.562	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25835	20.344	ug/l	96
82) 4-Chlorotoluene	11.457	91	209298	20.253	ug/l	100
83) tert-Butylbenzene	11.719	119	212432	20.461	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	228660	20.880	ug/l	96
85) sec-Butylbenzene	11.896	105	282044	20.586	ug/l	99
86) p-Isopropyltoluene	12.012	119	239193	21.266	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	119494	19.878	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	123583	19.863	ug/l	99
89) n-Butylbenzene	12.335	91	221264	21.686	ug/l	98
90) Hexachloroethane	12.542	117	40858	20.287	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	124184	20.462	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22310	19.490	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	79038	20.720	ug/l	99
94) Hexachlorobutadiene	13.725	225	32456	20.713	ug/l	100
95) Naphthalene	13.780	128	294769	21.530	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83031	21.880	ug/l	98

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

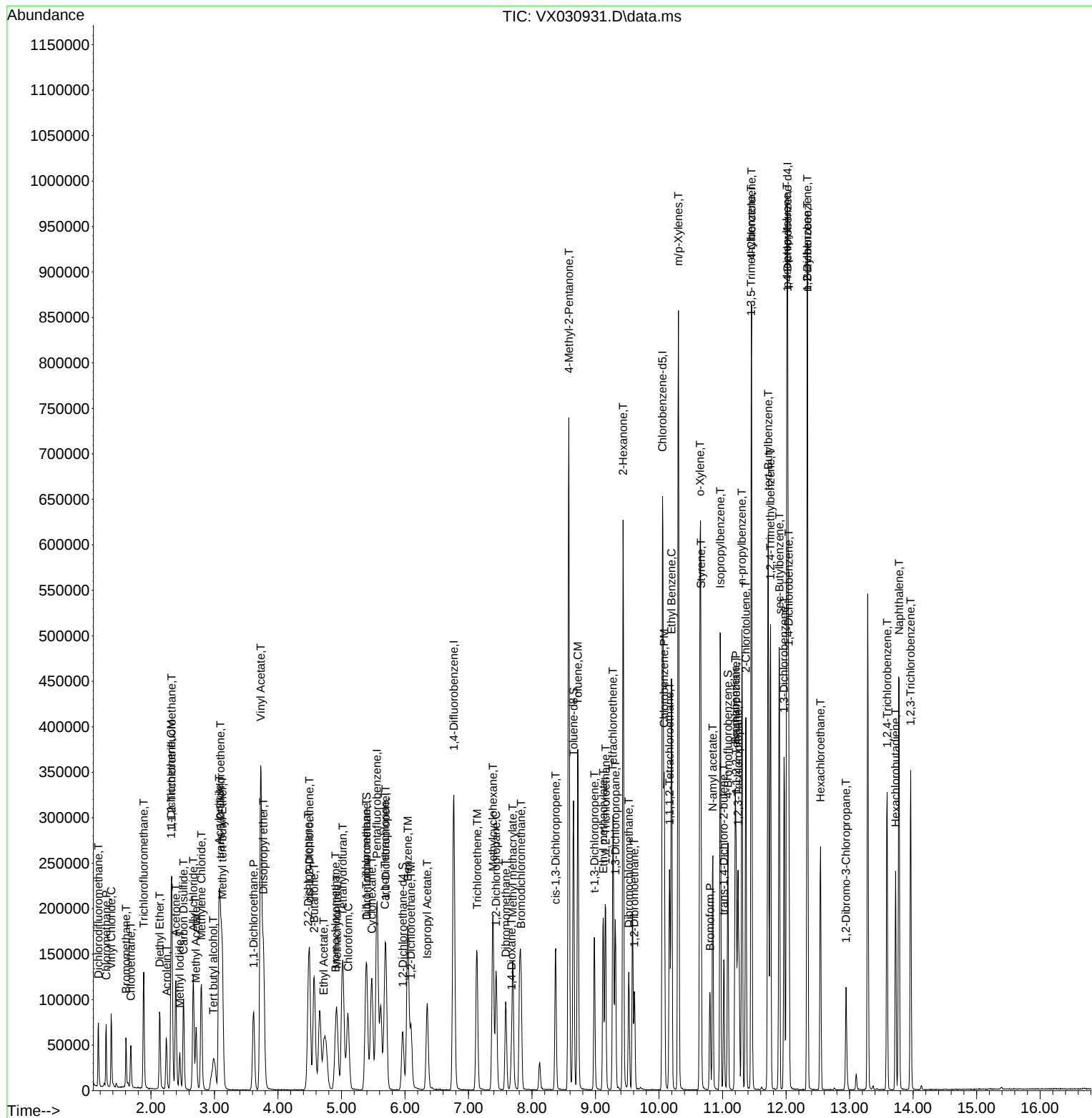
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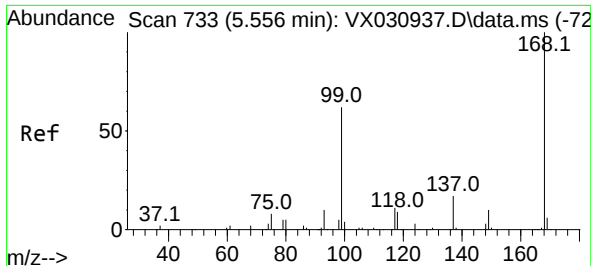
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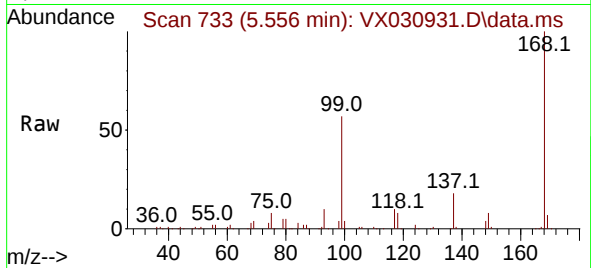
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030931.D
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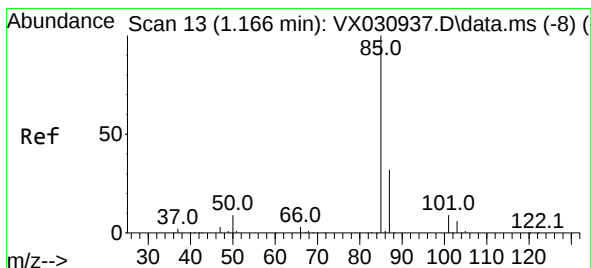
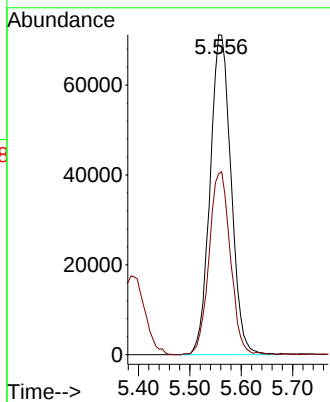
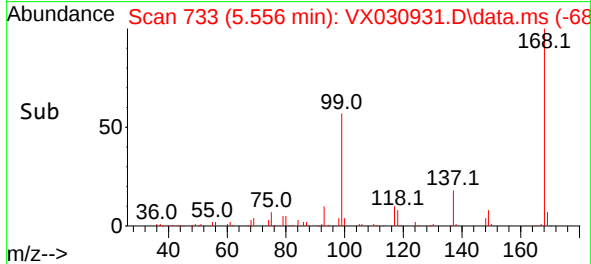
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 202215
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0

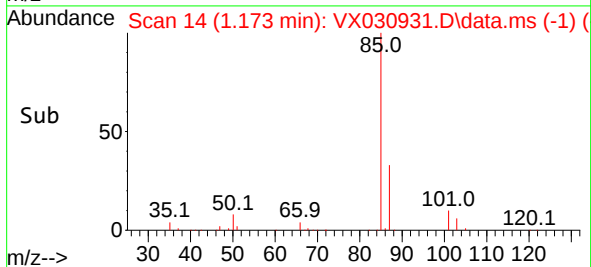
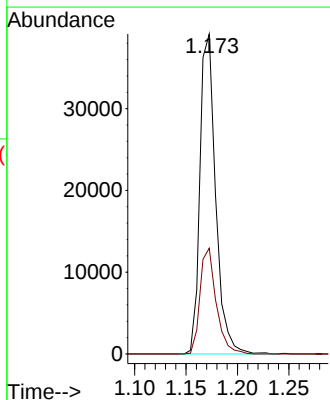
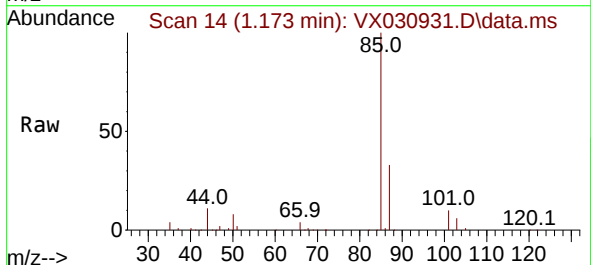
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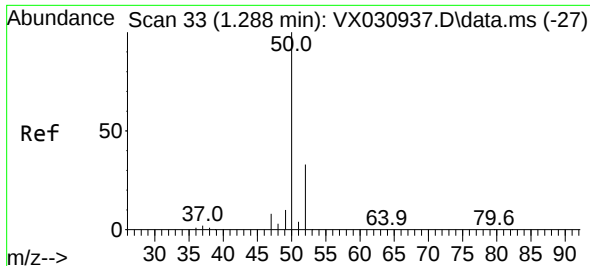
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#2
Dichlorodifluoromethane
Concen: 18.484 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

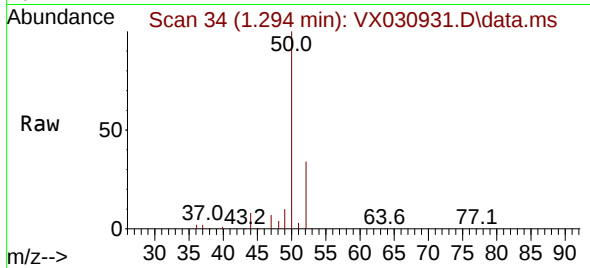
Tgt Ion: 85 Resp: 41747
Ion Ratio Lower Upper
85 100
87 33.1 16.5 49.5





#3
Chloromethane
Concen: 18.084 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

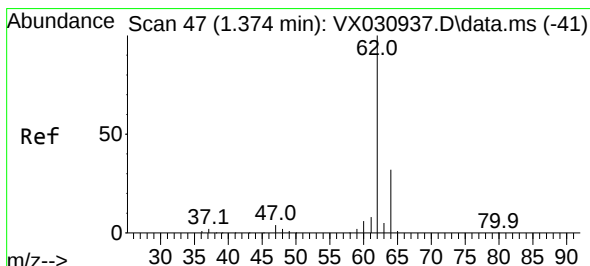
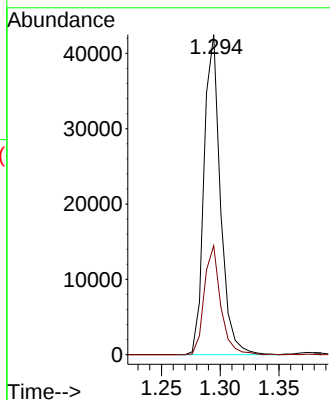
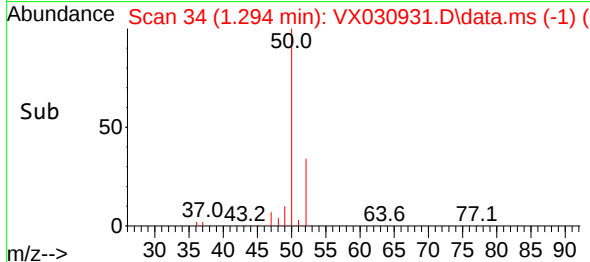
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 41148
Ion Ratio Lower Upper
50 100
52 34.1 26.3 39.5

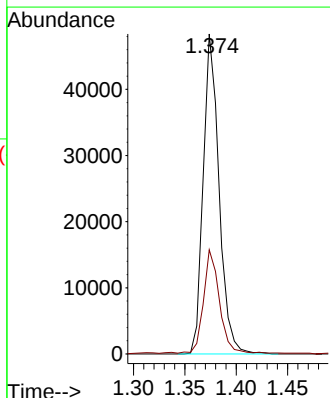
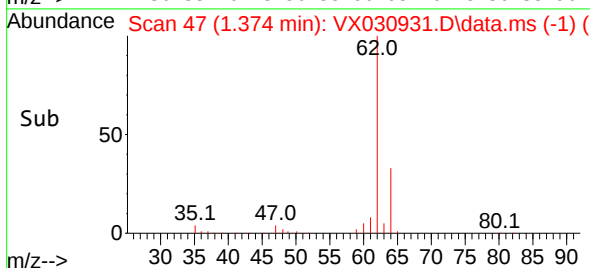
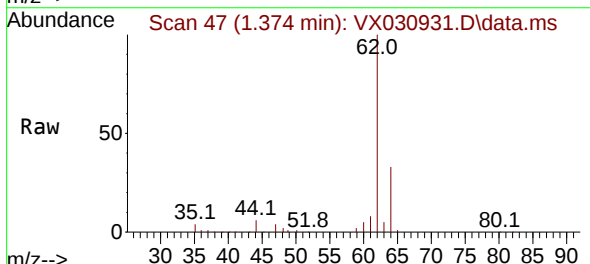
Manual Integrations
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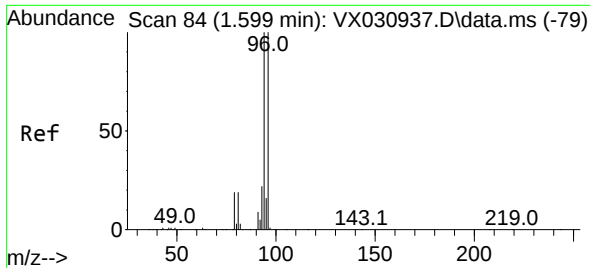
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#4
Vinyl Chloride
Concen: 19.974 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

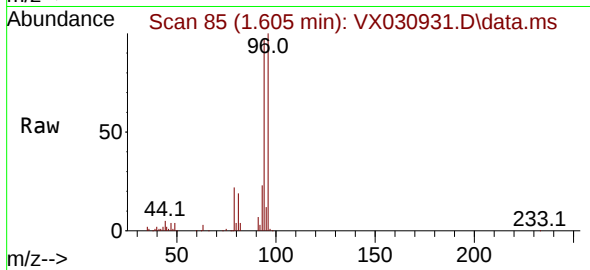
Tgt Ion: 62 Resp: 51935
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5
Bromomethane
Concen: 15.121 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

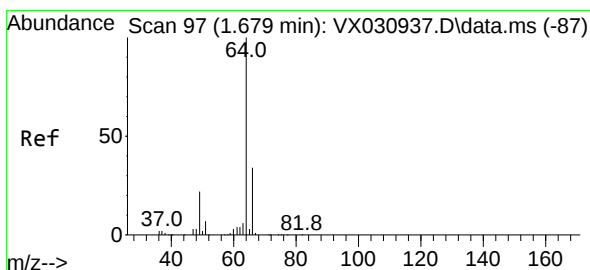
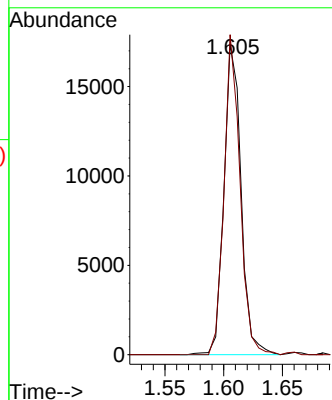
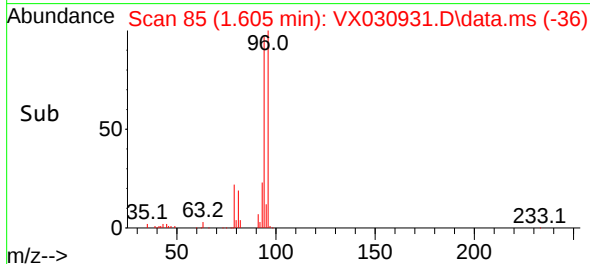
Instrument :
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Tgt Ion: 94 Resp: 1762
Ion Ratio Lower Upper
94 100
96 103.1 76.9 115.3

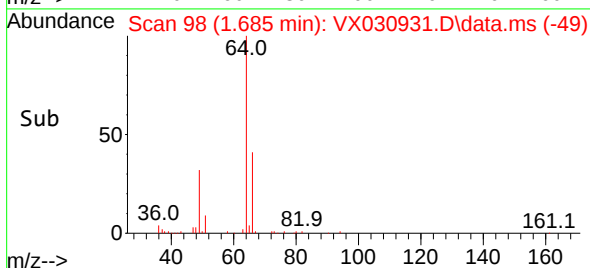
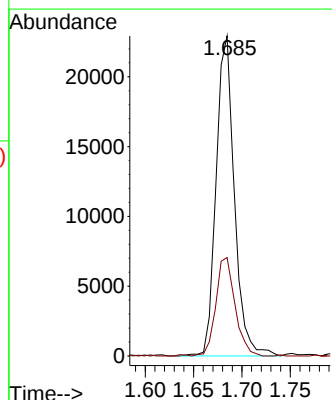
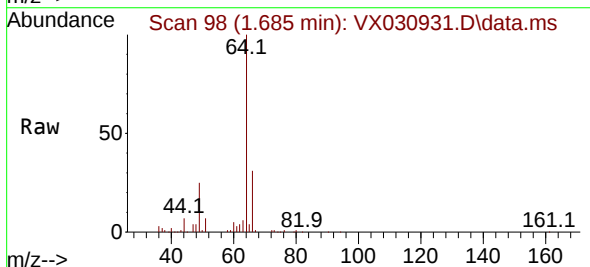
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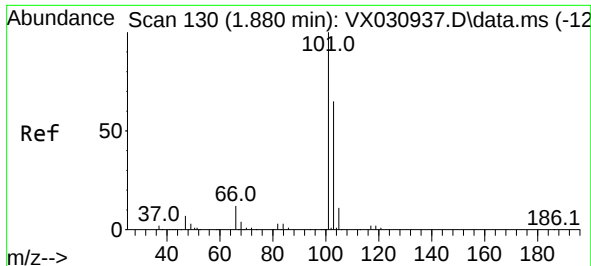
Reviewed By :John Carlone 08/31/2022
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#6
Chloroethane
Concen: 19.117 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

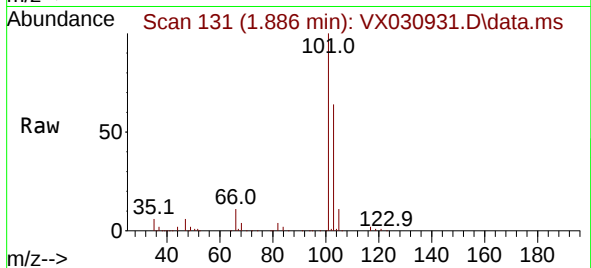
Tgt Ion: 64 Resp: 30011
Ion Ratio Lower Upper
64 100
66 30.4 27.2 40.8





#7
Trichlorofluoromethane
Concen: 20.096 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

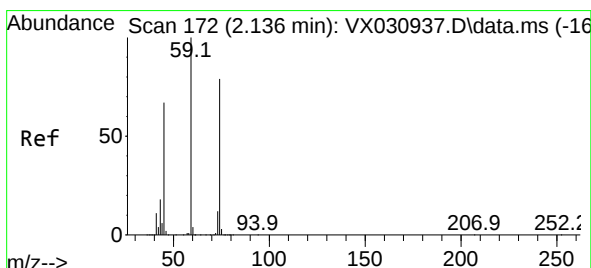
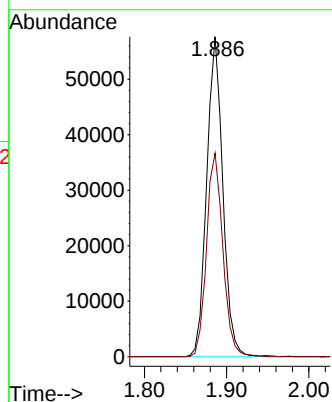
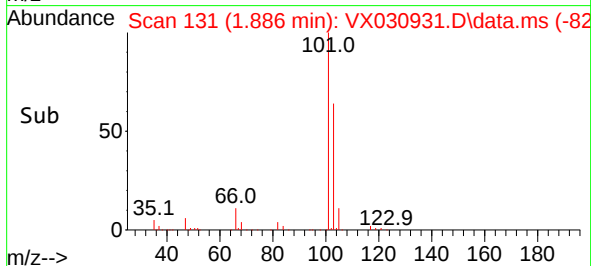
Instrument :
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Tgt Ion:101 Resp: 78564
Ion Ratio Lower Upper
101 100
103 63.6 49.7 74.5

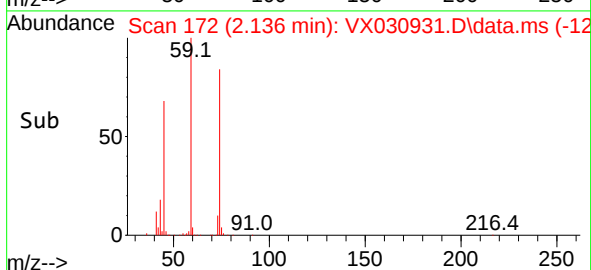
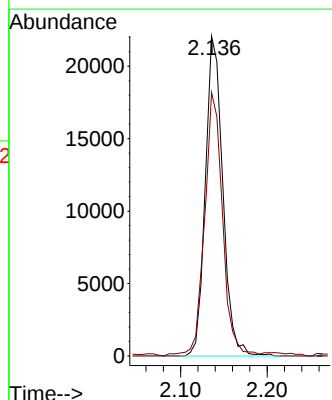
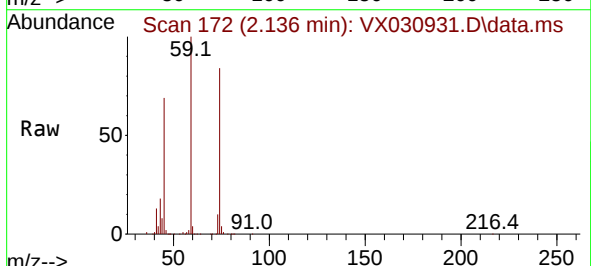
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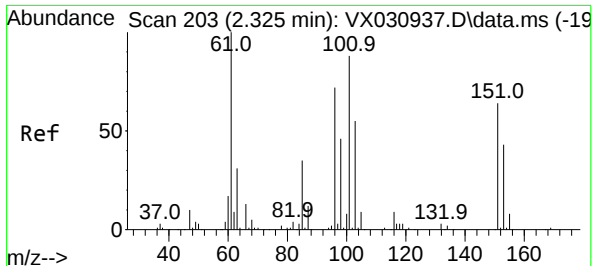
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#8
Diethyl Ether
Concen: 20.271 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 74 Resp: 30838
Ion Ratio Lower Upper
74 100
45 85.2 51.5 154.7





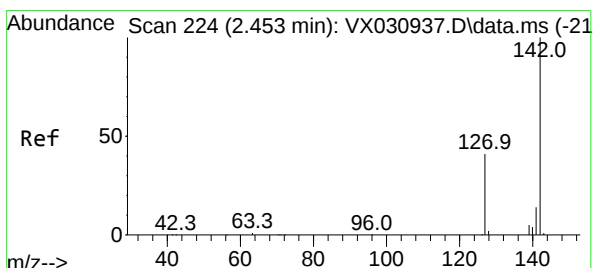
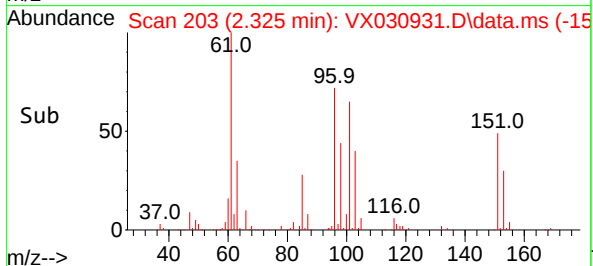
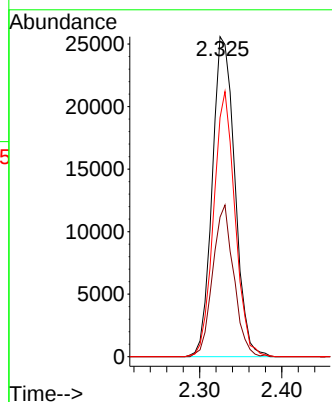
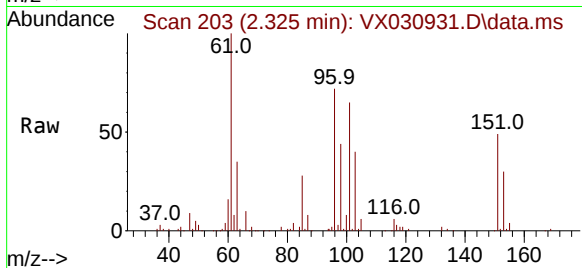
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.892 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 48905
Ion Ratio Lower Upper
101 100
85 44.2 34.0 51.0
151 78.6 59.4 89.0

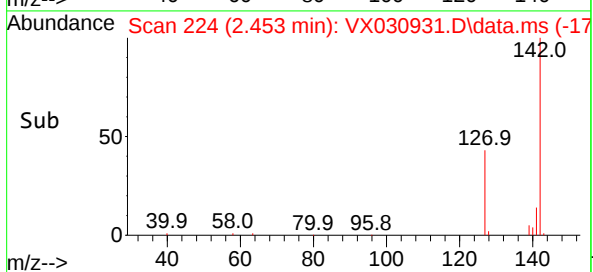
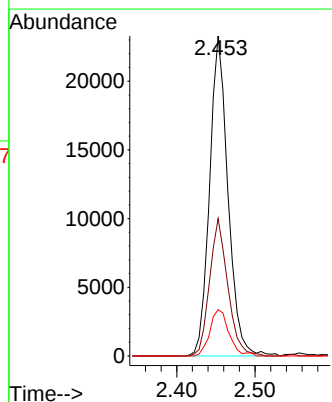
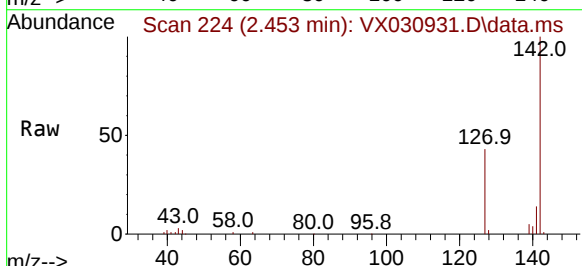
Manual Integrations
APPROVED

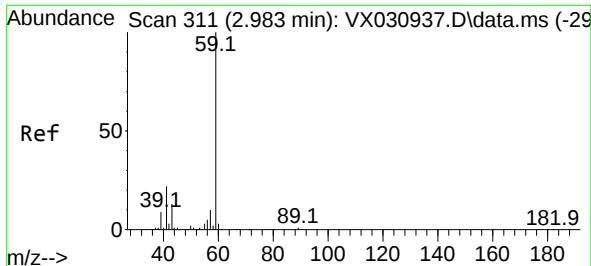
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#10
Methyl Iodide
Concen: 19.886 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

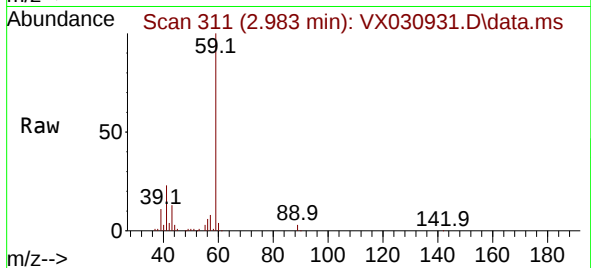
Tgt Ion:142 Resp: 37954
Ion Ratio Lower Upper
142 100
127 42.5 30.2 45.2
141 15.0 11.3 16.9





#11
Tert butyl alcohol
Concen: 95.030 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

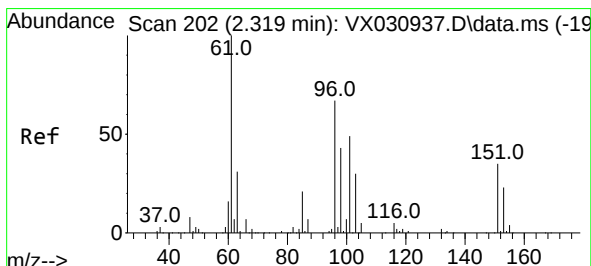
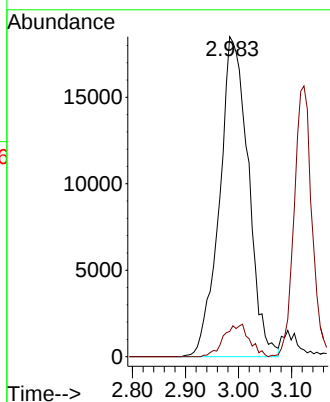
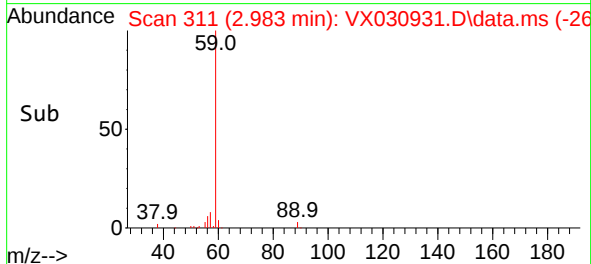
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 69739
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2

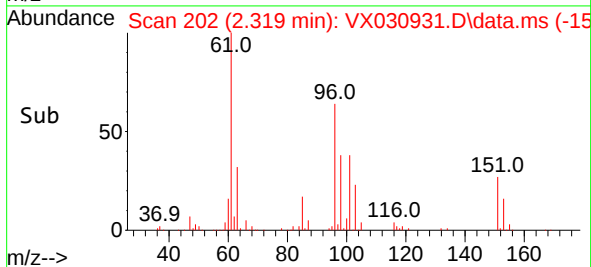
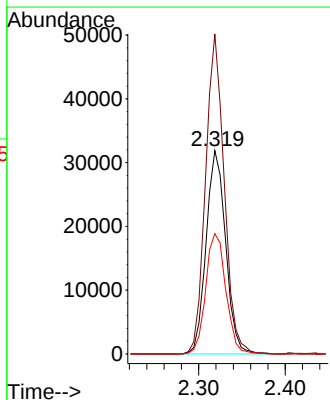
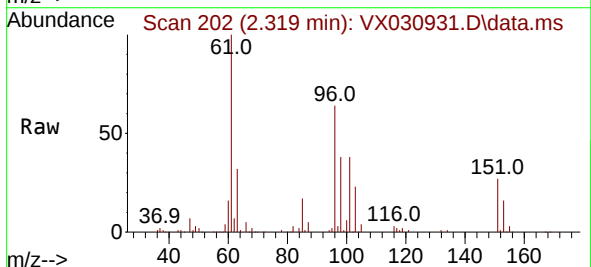
Manual Integrations
APPROVED

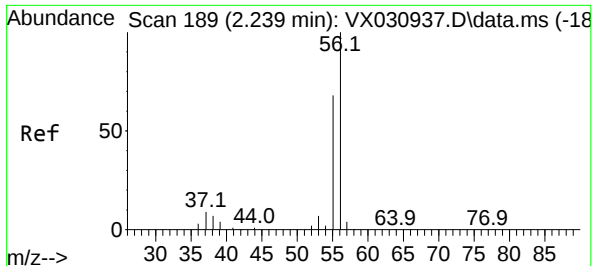
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#12
1,1-Dichloroethene
Concen: 21.025 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 96 Resp: 49943
Ion Ratio Lower Upper
96 100
61 157.3 117.4 176.0
98 59.1 52.2 78.4





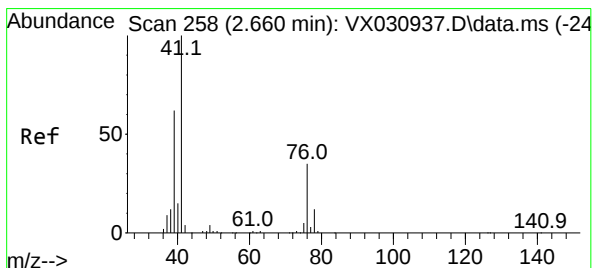
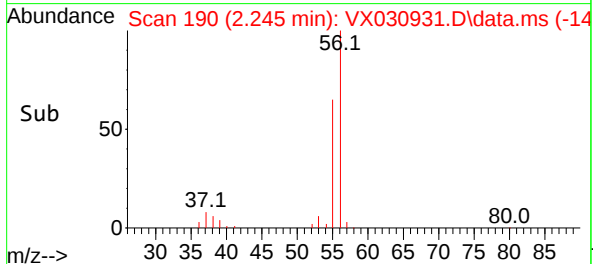
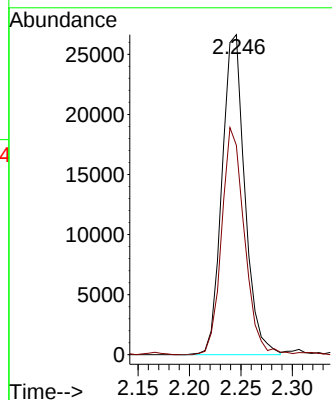
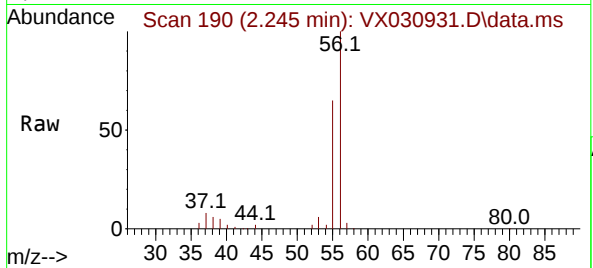
#13
Acrolein
Concen: 128.638 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion: 56 Resp: 4099
Ion Ratio Lower Upper
56 100
55 71.0 56.6 84.8

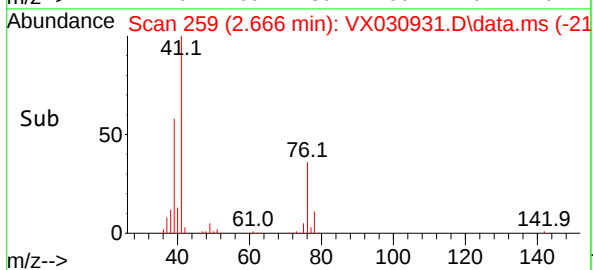
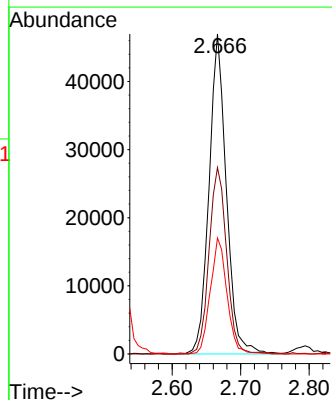
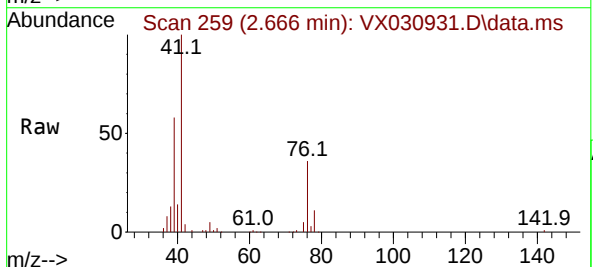
Manual Integrations
APPROVED

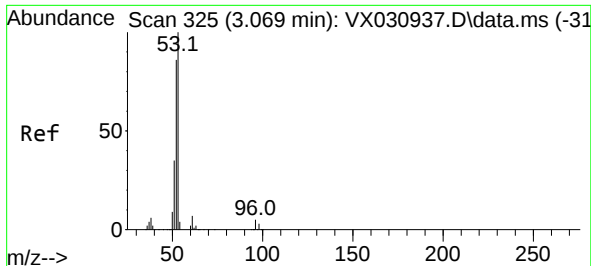
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#14
Allyl chloride
Concen: 18.959 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 41 Resp: 82627
Ion Ratio Lower Upper
41 100
39 59.2 48.9 73.3
76 34.8 26.9 40.3





#15

Acrylonitrile

Concen: 97.194 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 53 Resp: 156318

Ion Ratio Lower Upper

53 100

52 83.3 65.4 98.0

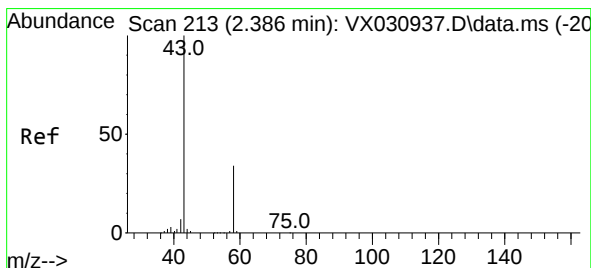
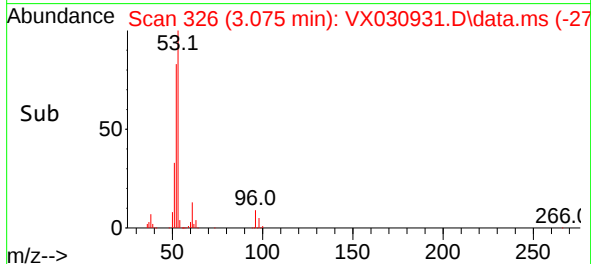
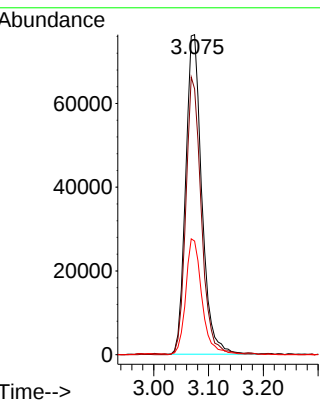
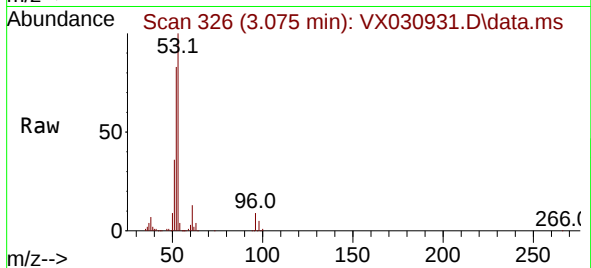
51 36.5 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#16

Acetone

Concen: 92.005 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX030931.D

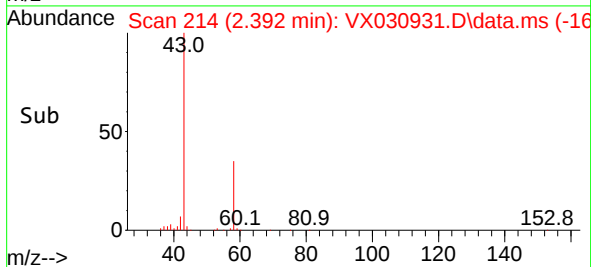
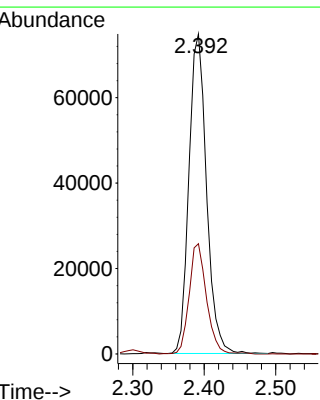
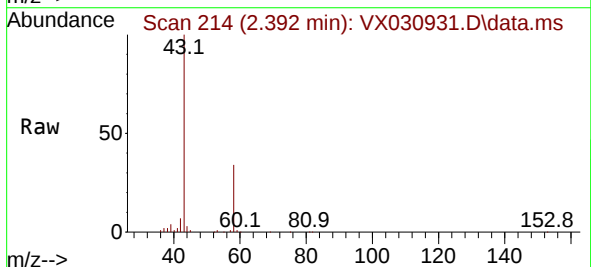
Acq: 30 Aug 2022 11:03

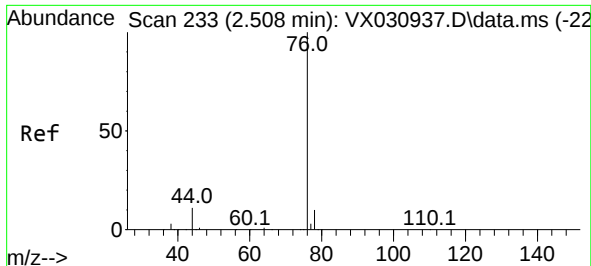
Tgt Ion: 43 Resp: 127663

Ion Ratio Lower Upper

43 100

58 34.5 27.7 41.5





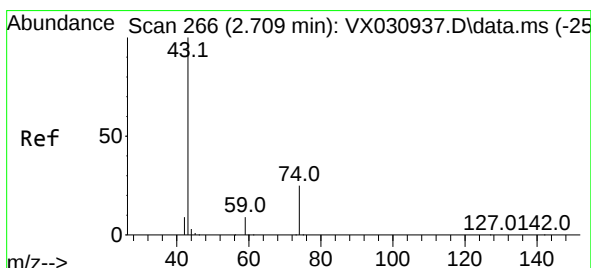
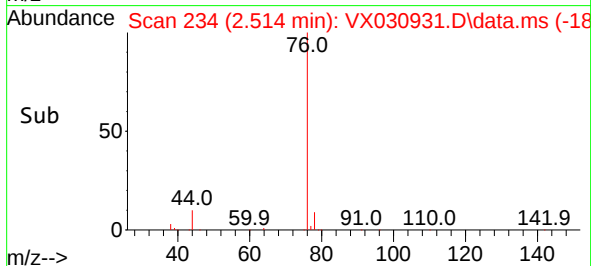
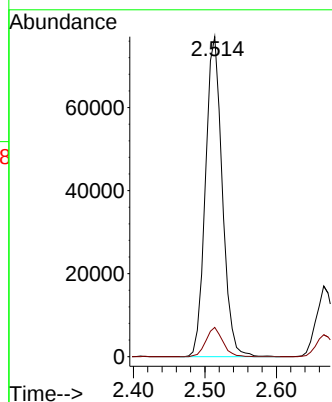
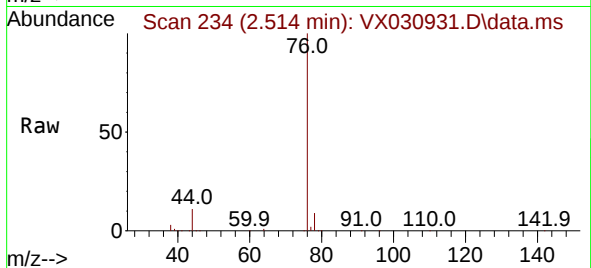
#17
Carbon Disulfide
Concen: 20.029 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 12559
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6

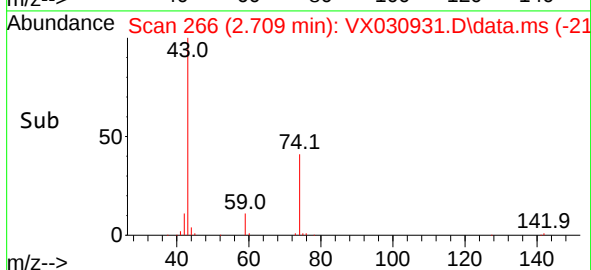
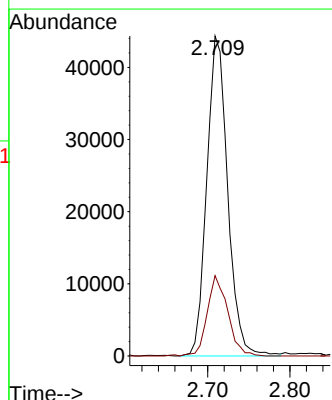
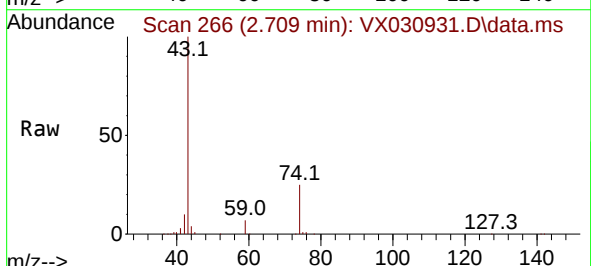
Manual Integrations
APPROVED

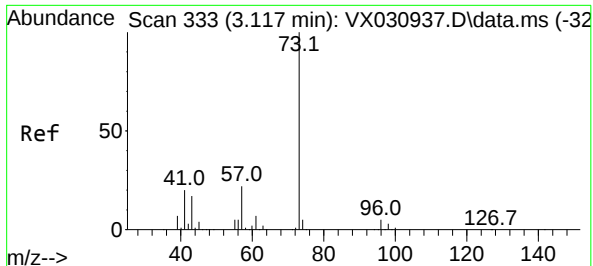
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#18
Methyl Acetate
Concen: 19.541 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 43 Resp: 78540
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2





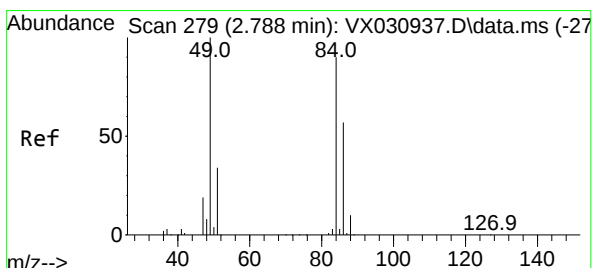
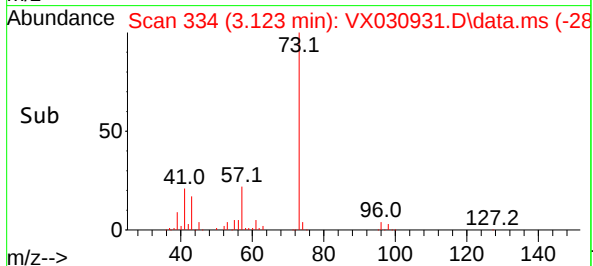
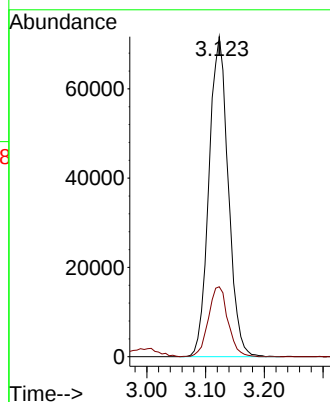
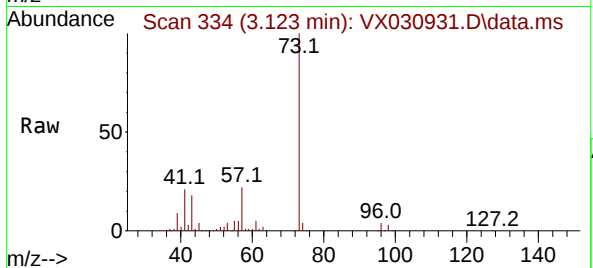
#19
Methyl tert-butyl Ether
Concen: 20.279 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 16356
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6

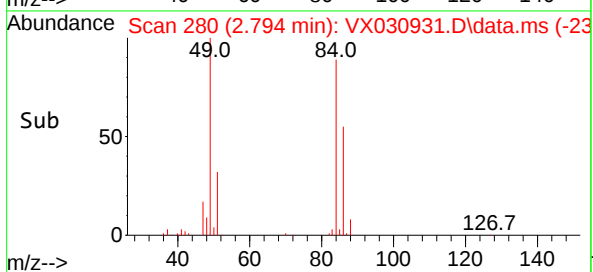
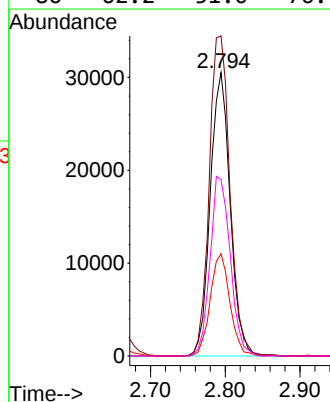
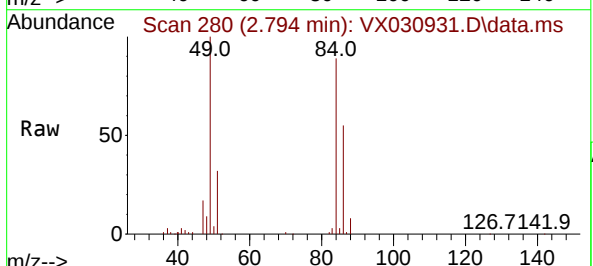
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#20
Methylene Chloride
Concen: 18.621 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

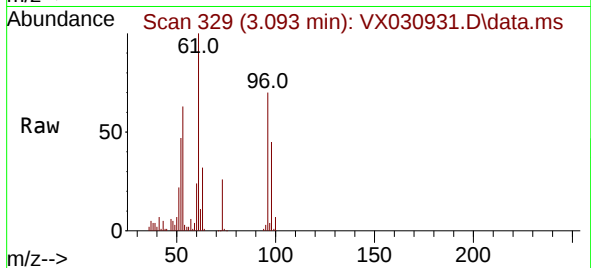
Tgt Ion: 84 Resp: 56553
Ion Ratio Lower Upper
84 100
49 112.9 93.8 140.6
51 36.1 29.4 44.0
86 62.2 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 20.167 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

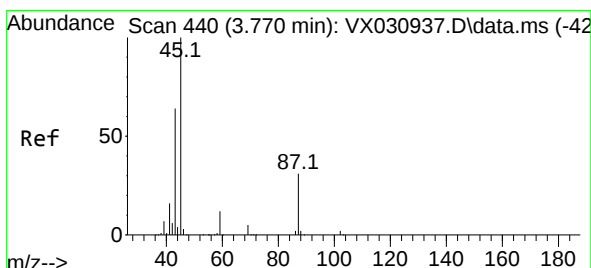
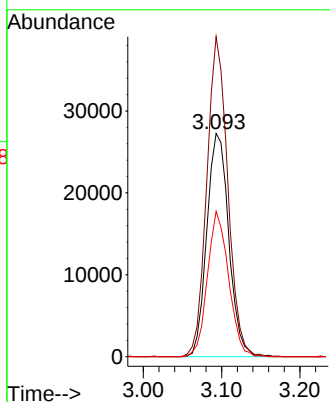
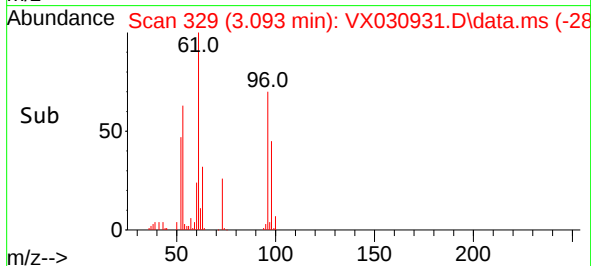
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 5310
Ion Ratio Lower Upper
96 100
61 143.3 105.6 158.4
98 65.1 50.1 75.1

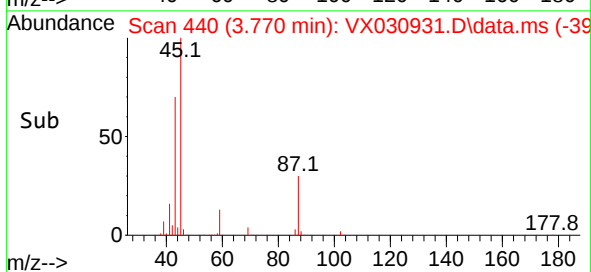
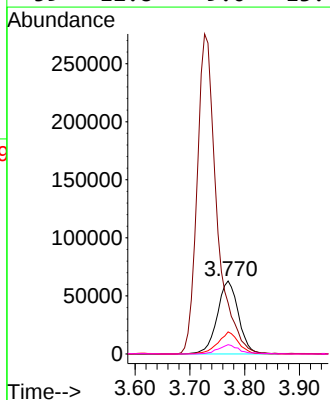
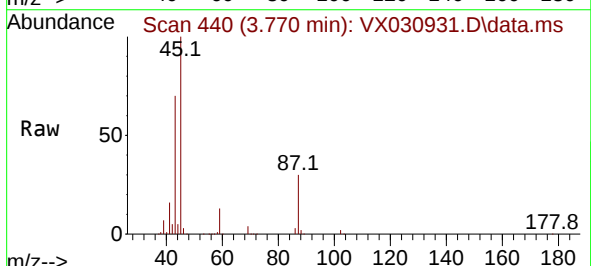
Manual Integrations
APPROVED

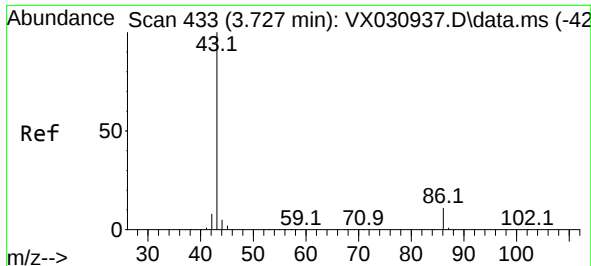
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#22
Diisopropyl ether
Concen: 20.185 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

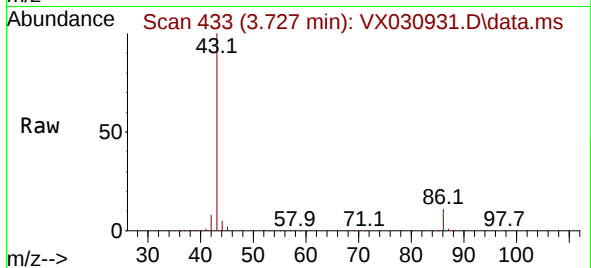
Tgt Ion: 45 Resp: 169152
Ion Ratio Lower Upper
45 100
43 69.6 65.4 98.0
87 30.3 22.3 33.5
59 12.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 100.795 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030931.D
 Acq: 30 Aug 2022 11:03

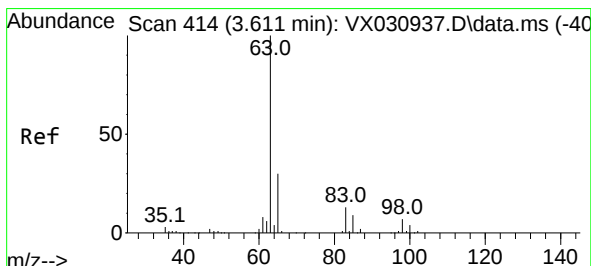
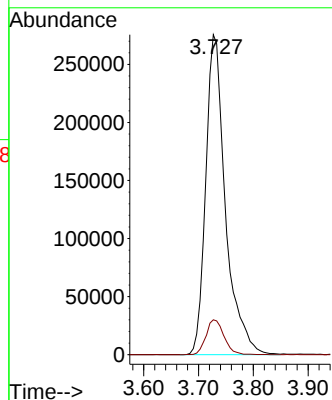
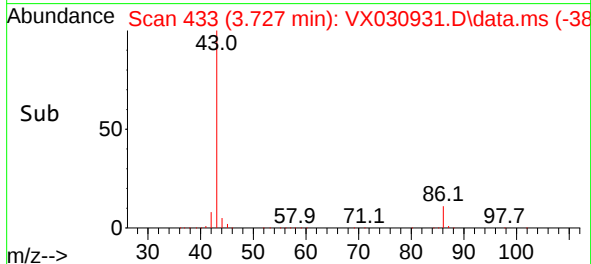
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



Tgt Ion: 43 Resp: 68687
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7

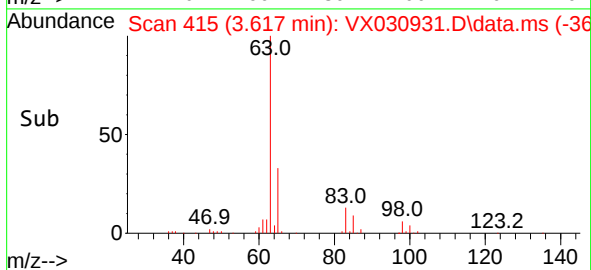
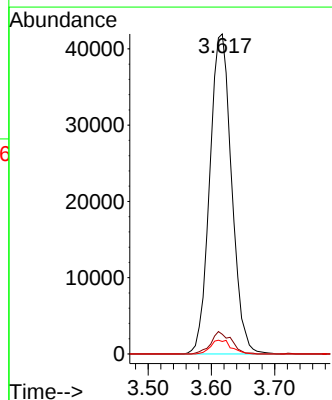
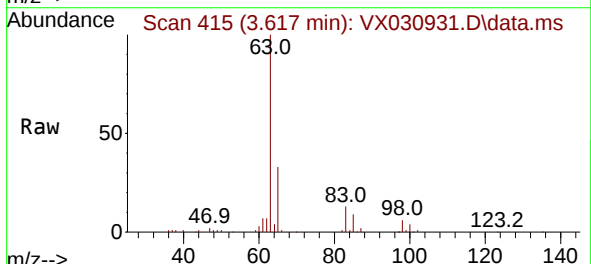
Manual Integrations
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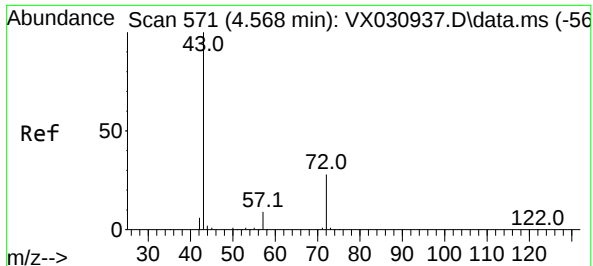
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022



#24
 1,1-Dichloroethane
 Concen: 20.283 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX030931.D
 Acq: 30 Aug 2022 11:03

Tgt Ion: 63 Resp: 100697
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.5
 100 3.9 2.3 6.9





#25

2-Butanone

Concen: 94.181 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 213684

Ion Ratio Lower Upper

43 100

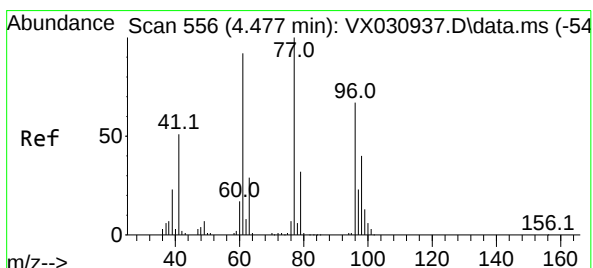
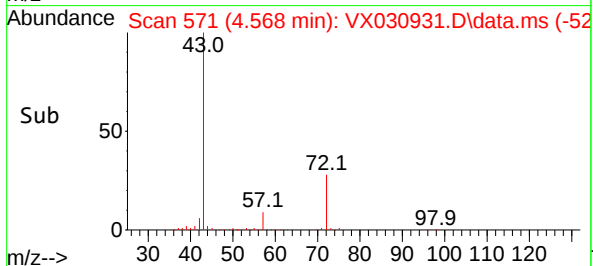
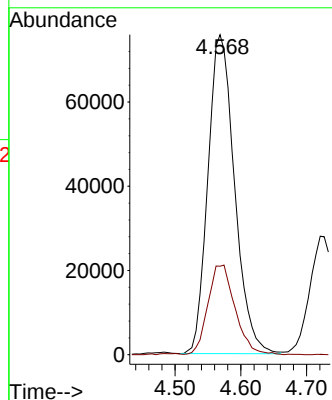
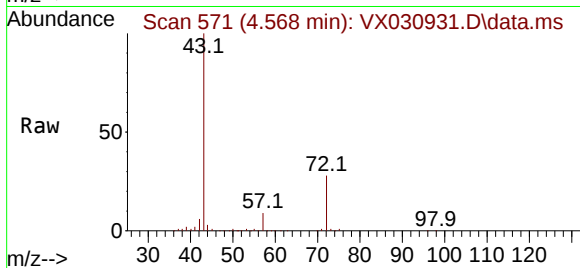
72 27.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#26

2,2-Dichloropropane

Concen: 20.974 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX030931.D

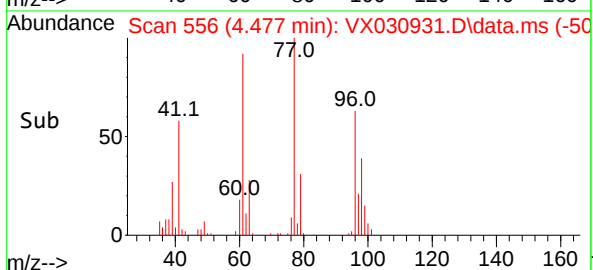
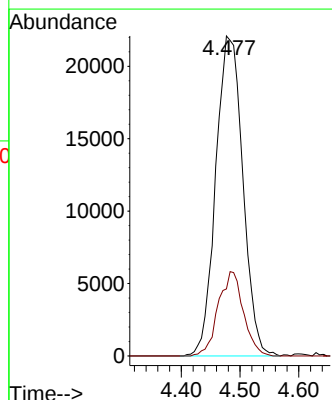
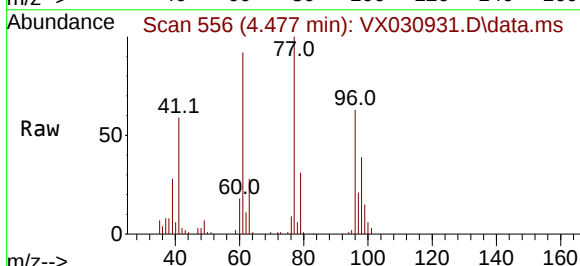
Acq: 30 Aug 2022 11:03

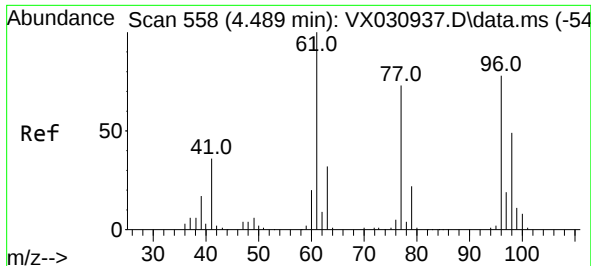
Tgt Ion: 77 Resp: 70754

Ion Ratio Lower Upper

77 100

97 24.5 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 20.148 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 6030

Ion Ratio Lower Upper

96 100

61 142.9 0.0 270.0

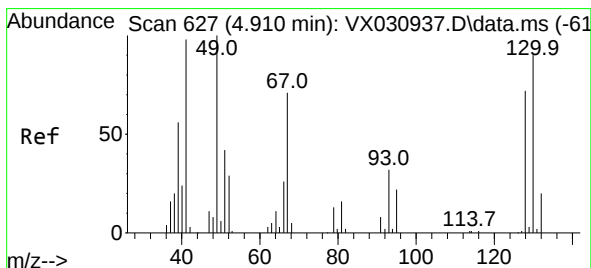
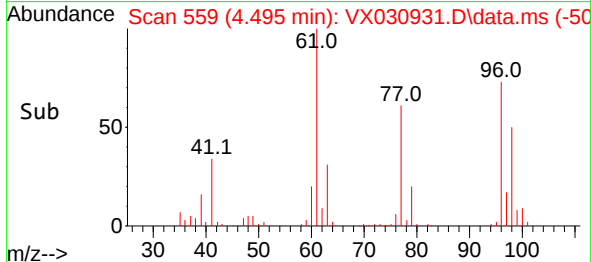
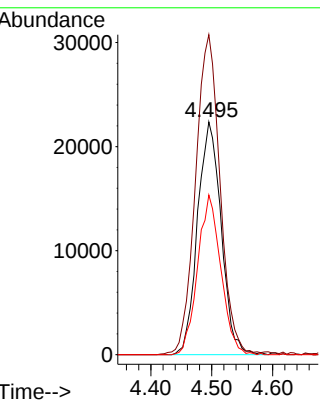
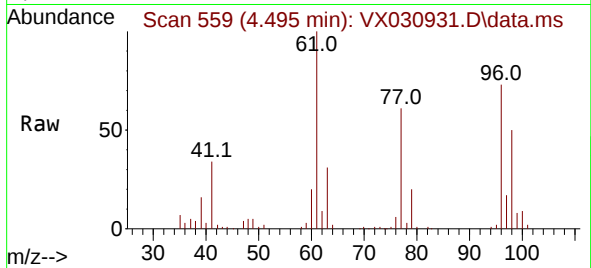
98 67.4 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#28

Bromochloromethane

Concen: 19.550 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.006 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

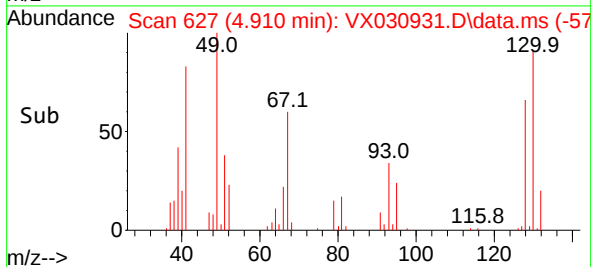
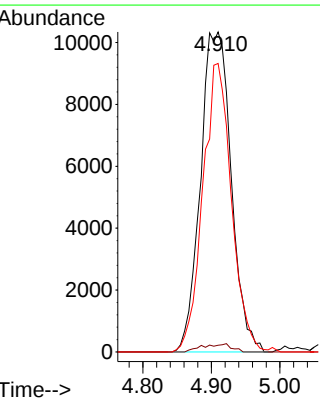
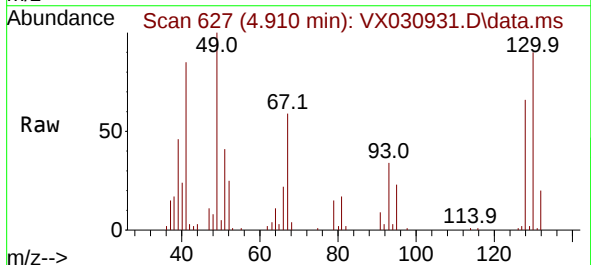
Tgt Ion: 49 Resp: 32240

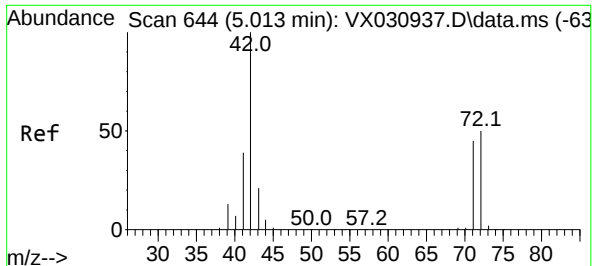
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 83.6 62.8 94.2





#29

Tetrahydrofuran

Concen: 97.721 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 14233

Ion Ratio Lower Upper

42 100

72 47.3 36.5 54.7

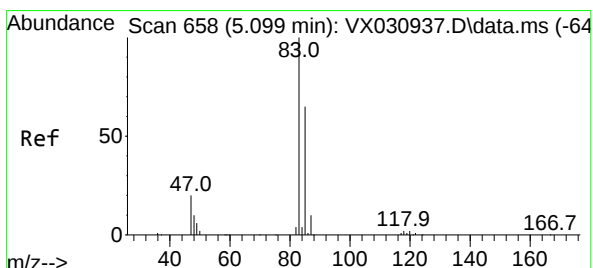
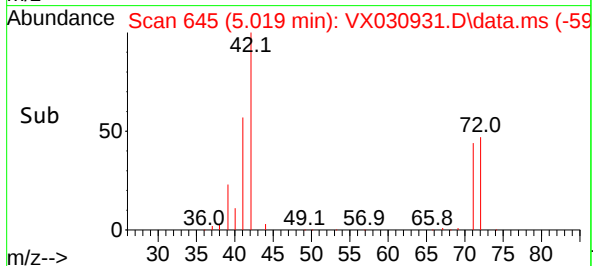
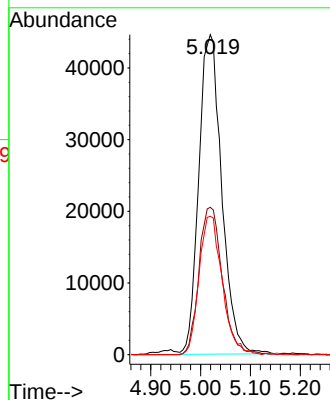
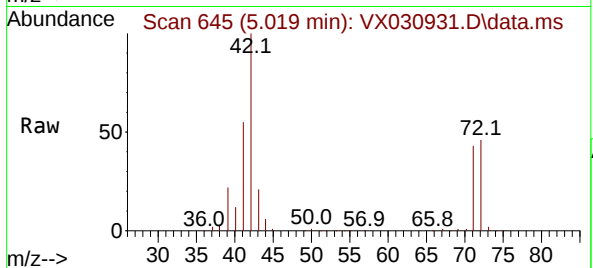
71 43.7 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#30

Chloroform

Concen: 20.160 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX030931.D

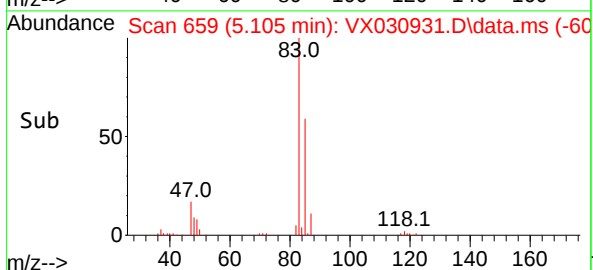
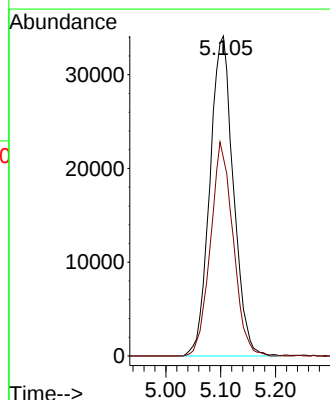
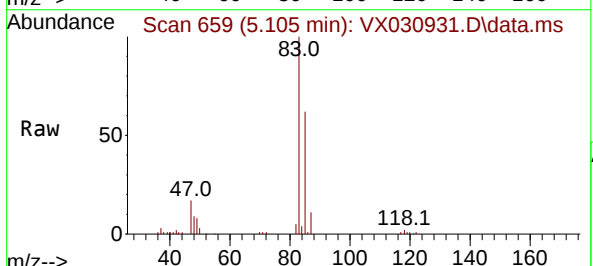
Acq: 30 Aug 2022 11:03

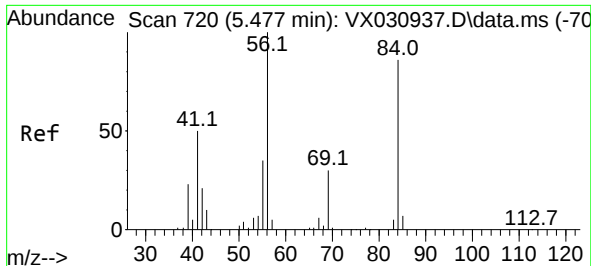
Tgt Ion: 83 Resp: 101643

Ion Ratio Lower Upper

83 100

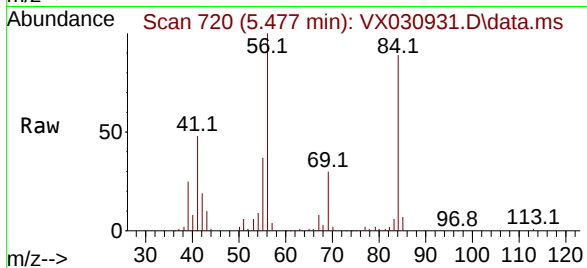
85 61.9 51.5 77.3





#31
Cyclohexane
Concen: 19.858 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

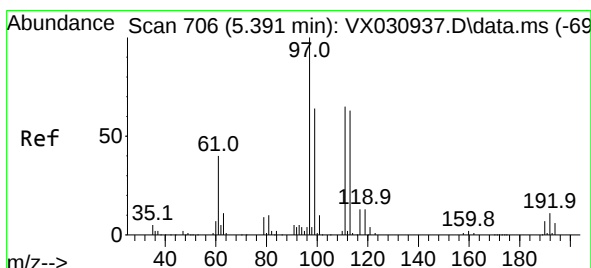
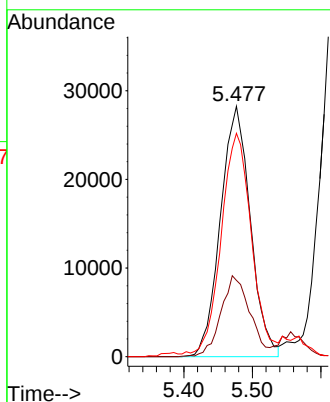
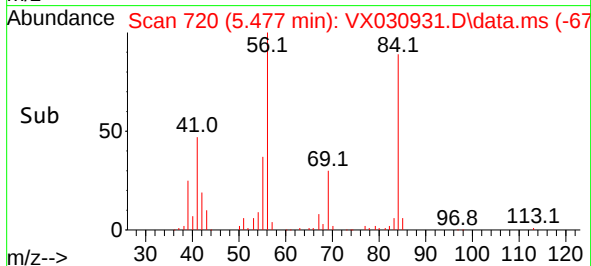
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



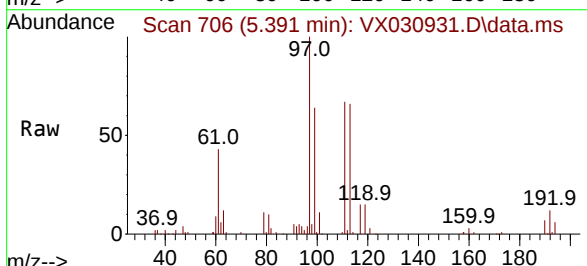
Tgt Ion: 56 Resp: 85619
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.0
84 88.1 68.9 103.3

Manual Integrations
APPROVED

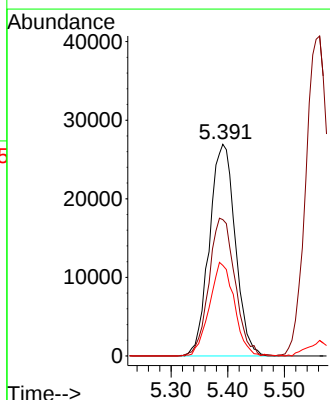
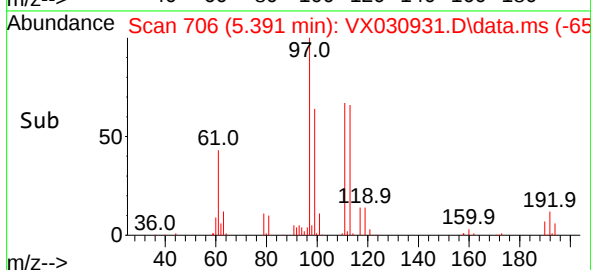
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

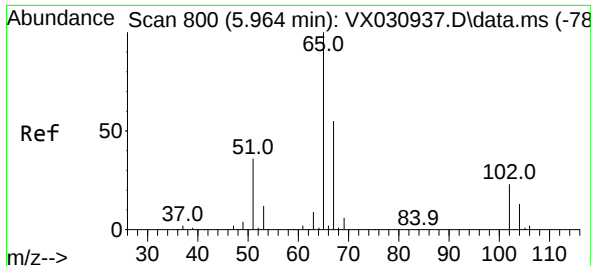


#32
1,1,1-Trichloroethane
Concen: 20.022 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03



Tgt Ion: 97 Resp: 85336
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 42.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 20.988 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 62520

Ion Ratio Lower Upper

65 100

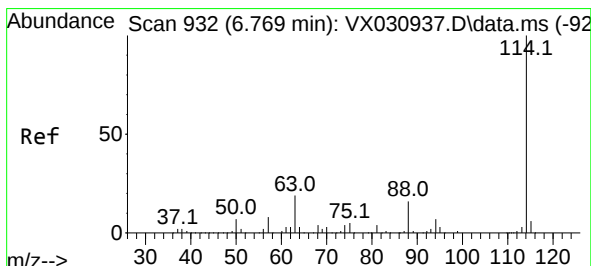
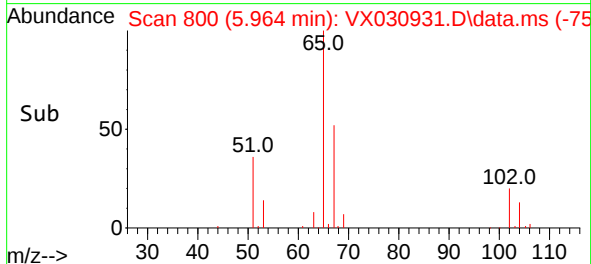
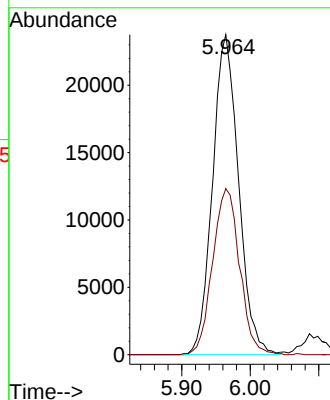
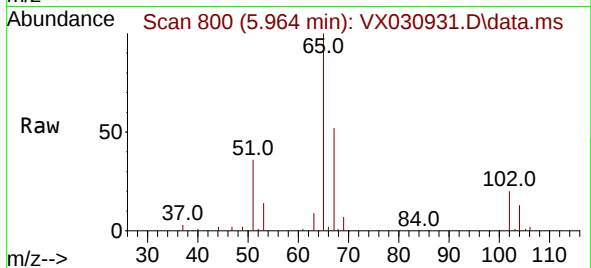
67 53.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

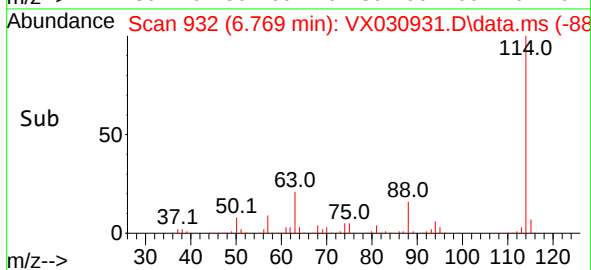
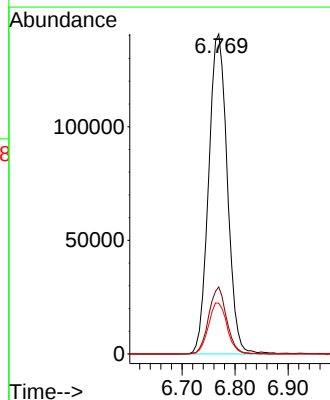
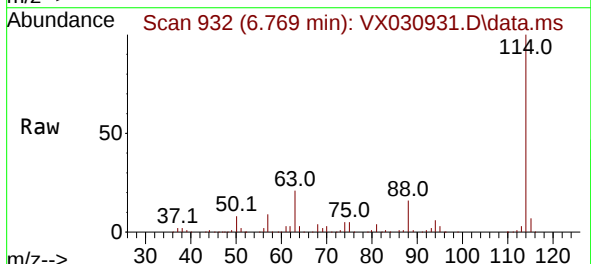
Tgt Ion:114 Resp: 344472

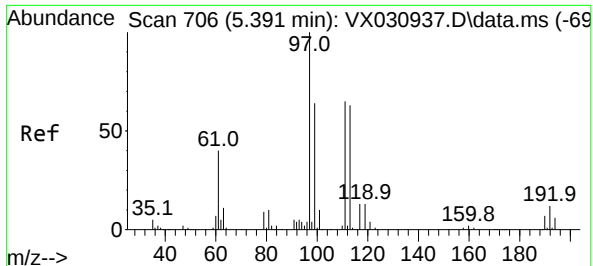
Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 22.019 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 5368

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

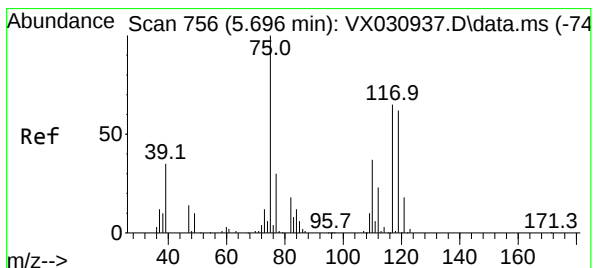
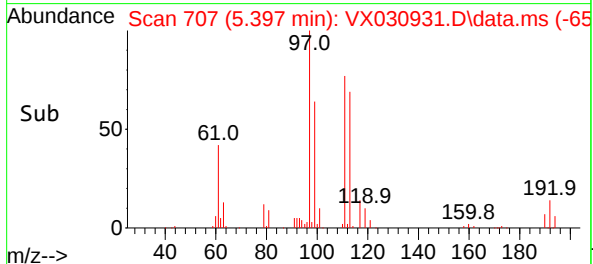
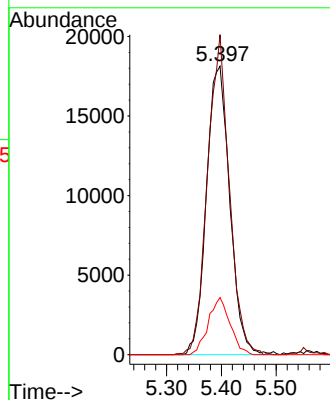
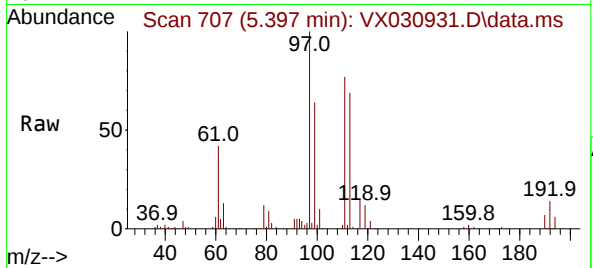
192 18.4 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#36

1,1-Dichloropropene

Concen: 20.131 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

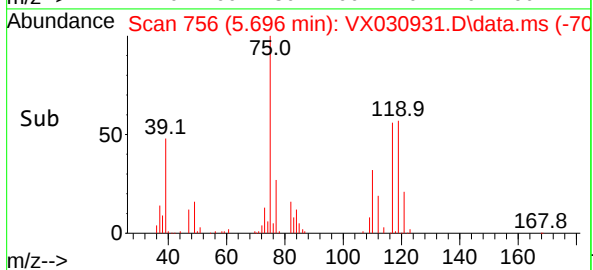
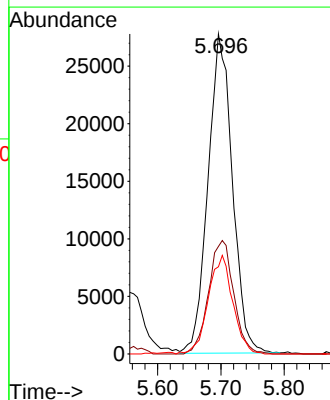
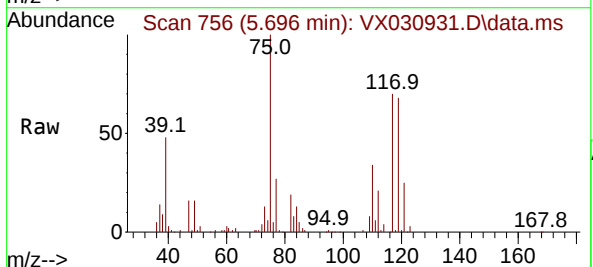
Tgt Ion: 75 Resp: 74239

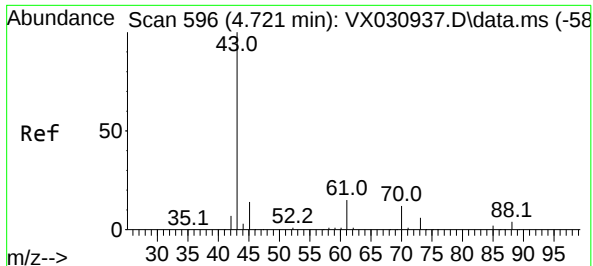
Ion Ratio Lower Upper

75 100

110 36.6 19.3 57.9

77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 20.184 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

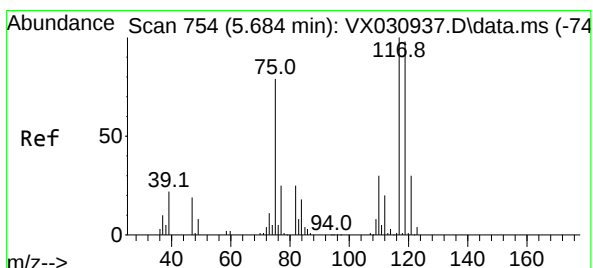
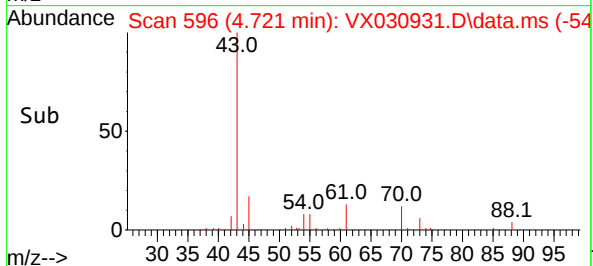
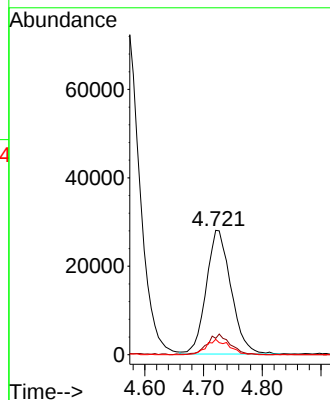
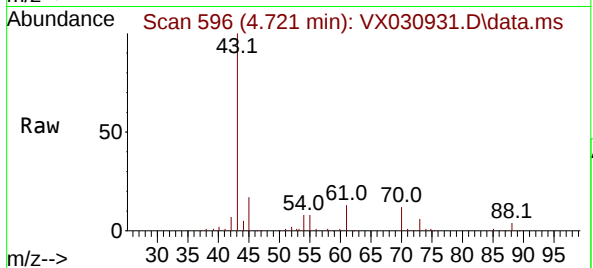
Tgt Ion:	43	Resp:	82088
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.7	17.5
70	11.2	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#38

Carbon Tetrachloride

Concen: 20.298 ug/l

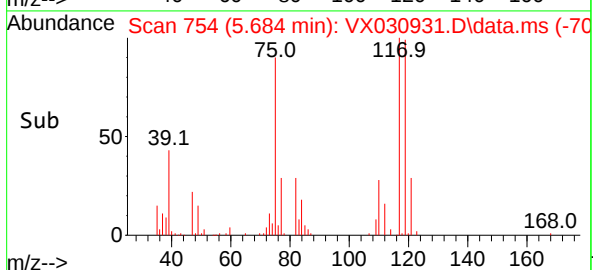
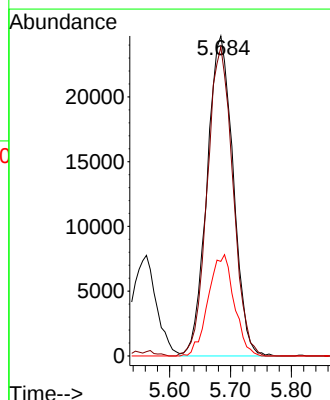
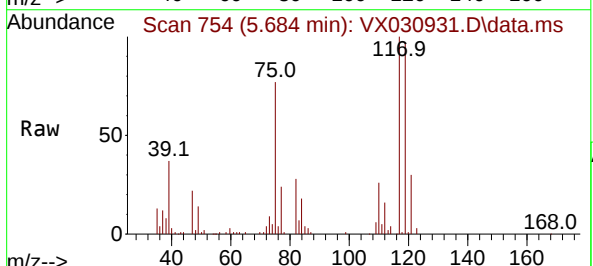
RT: 5.684 min Scan# 754

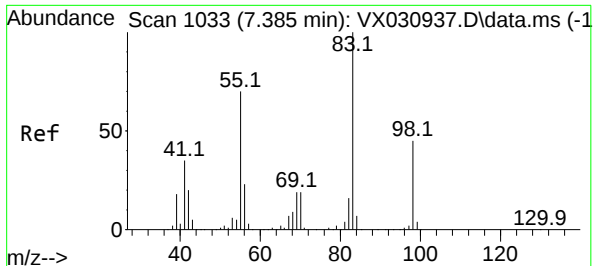
Delta R.T. 0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Tgt Ion:	117	Resp:	73582
Ion Ratio	Lower	Upper	
117	100		
119	96.6	74.1	111.1
121	29.6	25.8	38.8





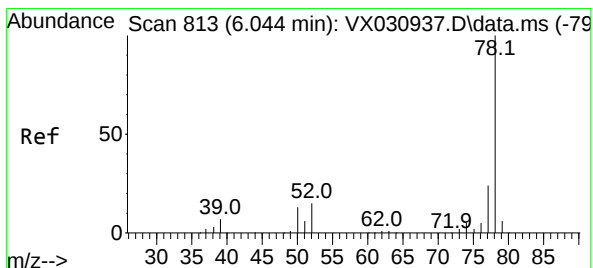
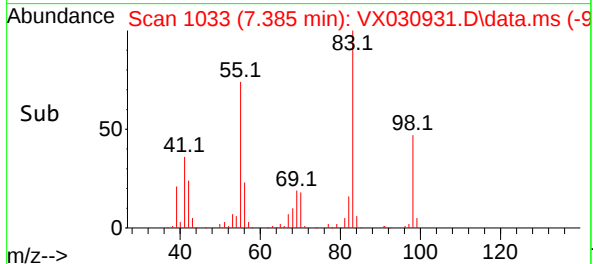
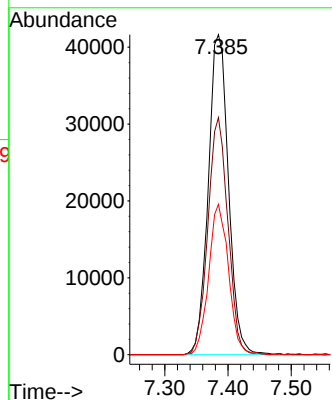
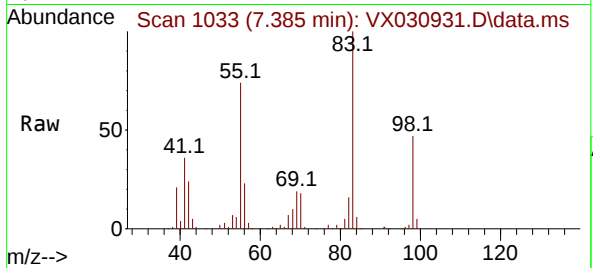
#39
Methylcyclohexane
Concen: 21.481 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 92480
Ion Ratio Lower Upper
83 100
55 74.1 57.7 86.5
98 47.0 36.5 54.7

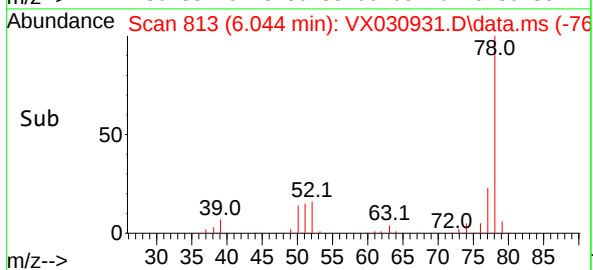
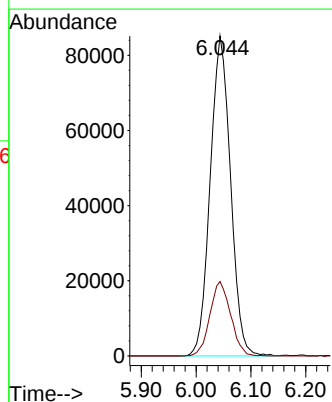
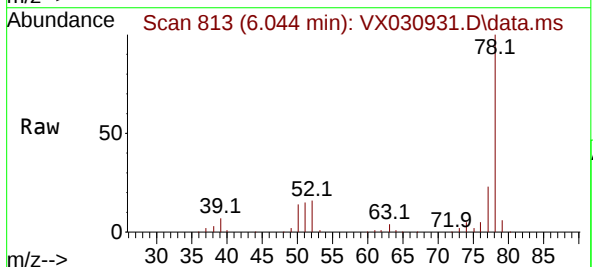
Manual Integrations
APPROVED

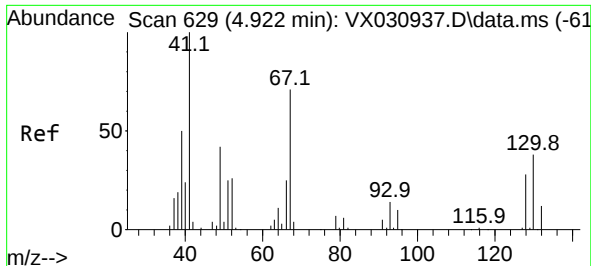
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#40
Benzene
Concen: 20.688 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 78 Resp: 219305
Ion Ratio Lower Upper
78 100
77 23.2 18.0 27.0





#41
Methacrylonitrile
Concen: 20.418 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

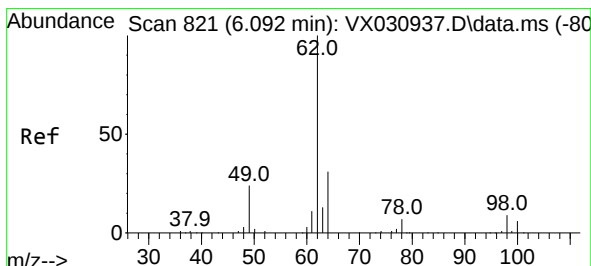
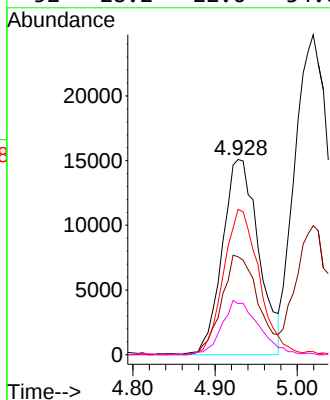
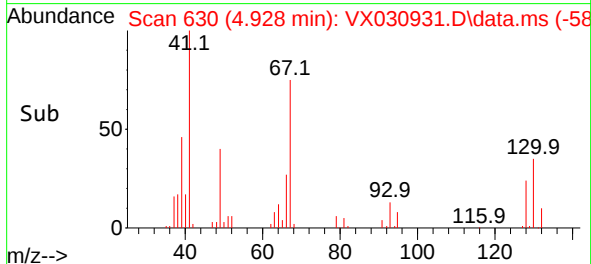
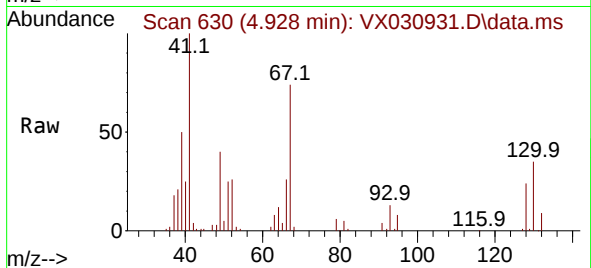
VSTDIC020

Tgt Ion: 41 Resp: 4628
Ion Ratio Lower Upper
41 100
39 51.4 42.9 64.3
67 73.0 60.1 90.1
52 28.2 22.6 34.0

Manual Integrations

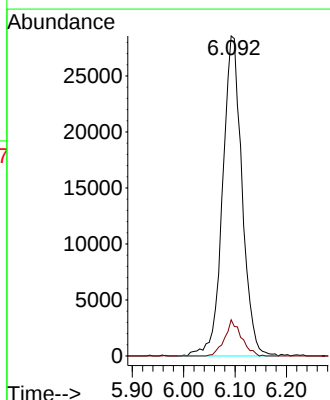
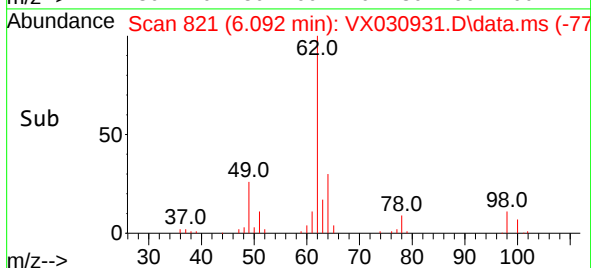
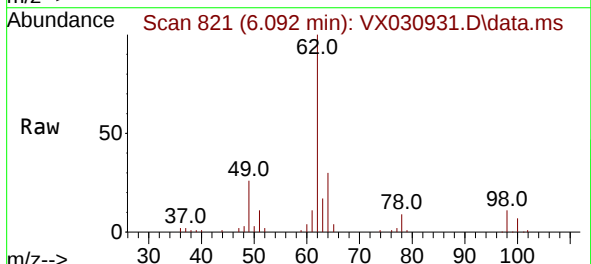
APPROVED

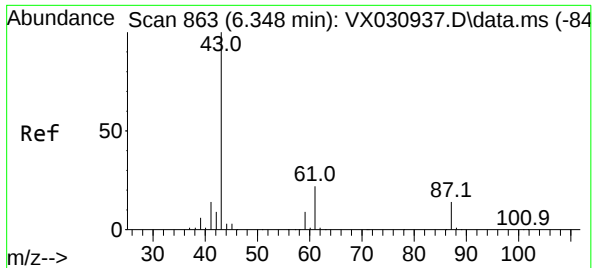
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#42
1,2-Dichloroethane
Concen: 20.257 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 62 Resp: 74879
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.2





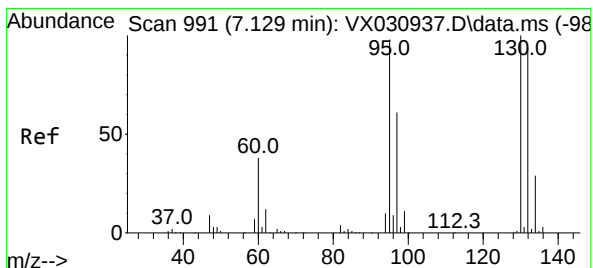
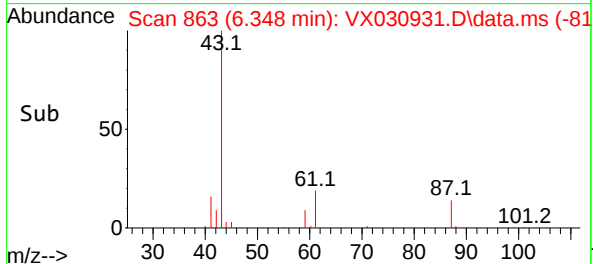
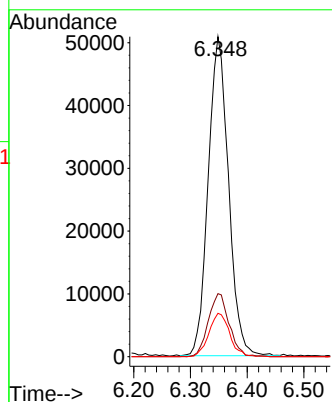
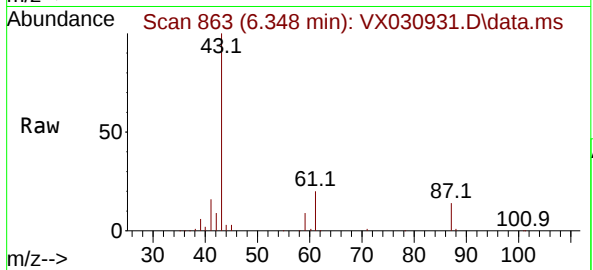
#43
Isopropyl Acetate
Concen: 20.364 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 126549
Ion Ratio Lower Upper
43 100
61 20.2 16.5 24.7
87 13.8 11.1 16.7

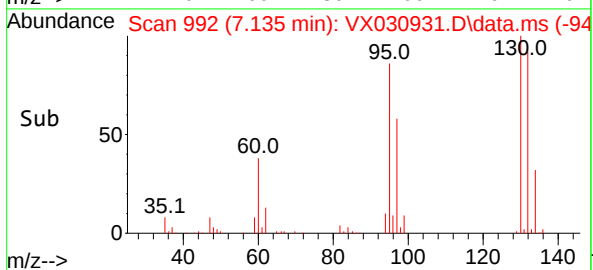
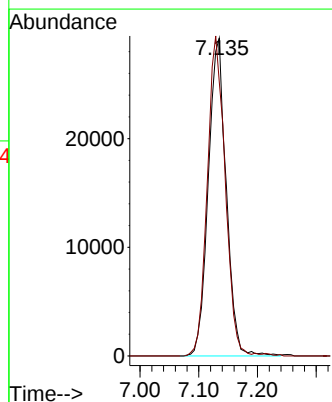
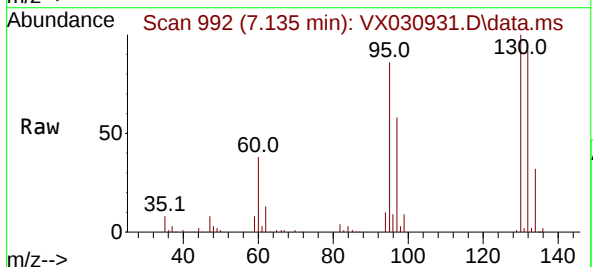
Manual Integrations
APPROVED

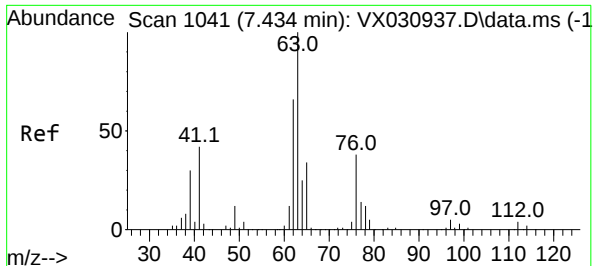
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#44
Trichloroethene
Concen: 20.959 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion:130 Resp: 61955
Ion Ratio Lower Upper
130 100
95 86.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.827 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5774

Ion Ratio Lower Upper

63 100

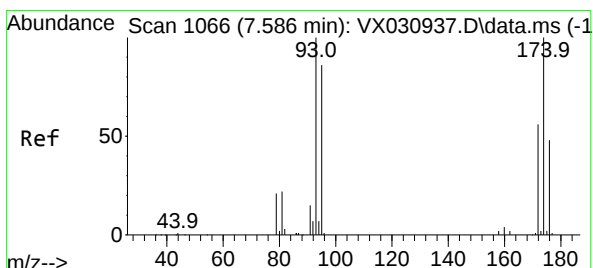
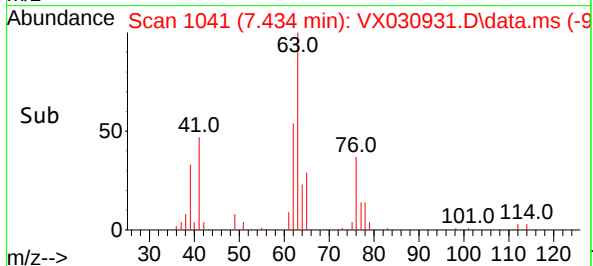
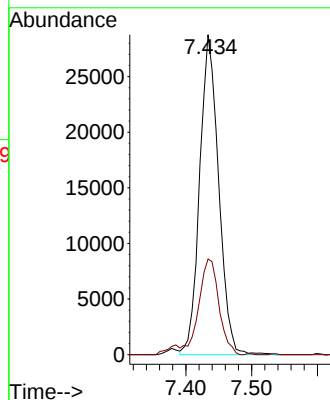
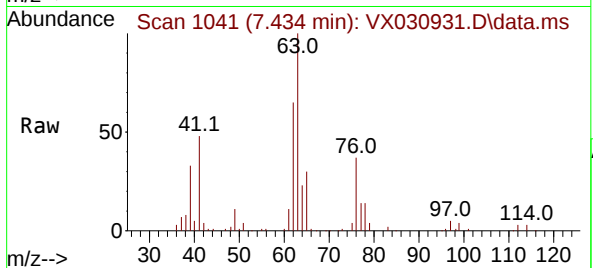
65 29.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#46

Dibromomethane

Concen: 20.165 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

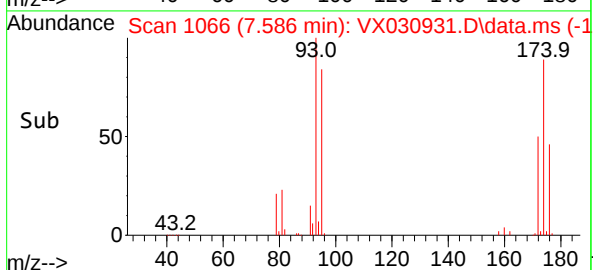
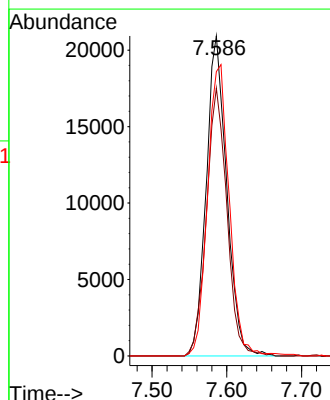
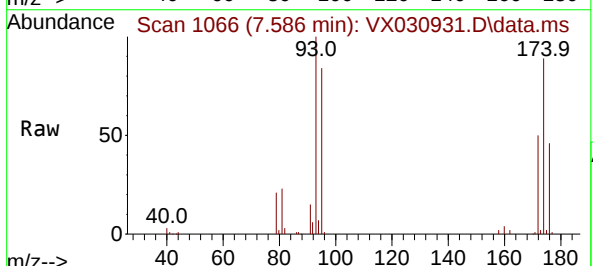
Tgt Ion: 93 Resp: 39797

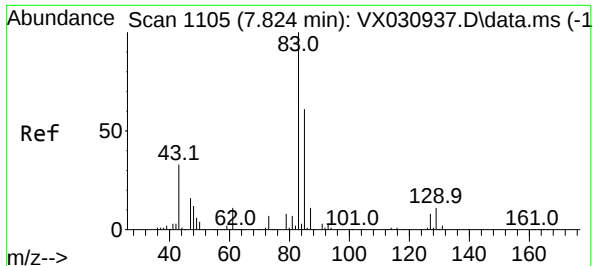
Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.0

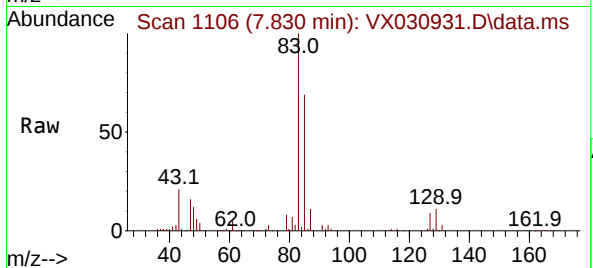
174 95.9 75.6 113.4





#47
Bromodichloromethane
Concen: 20.377 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

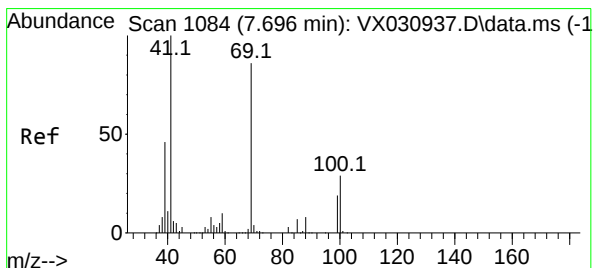
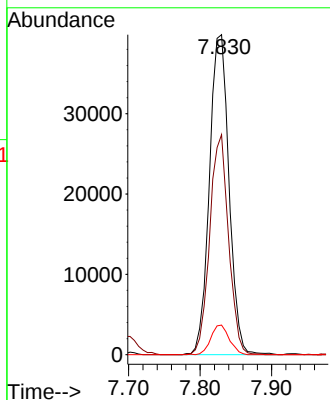
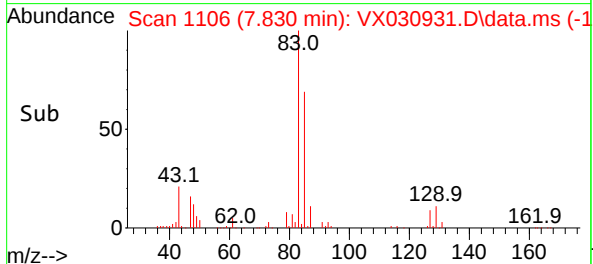
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 7575
Ion Ratio Lower Upper
83 100
85 68.7 53.5 80.3
127 9.3 6.6 10.0

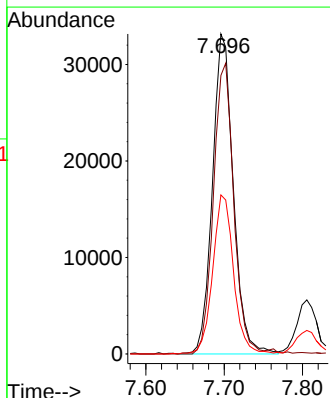
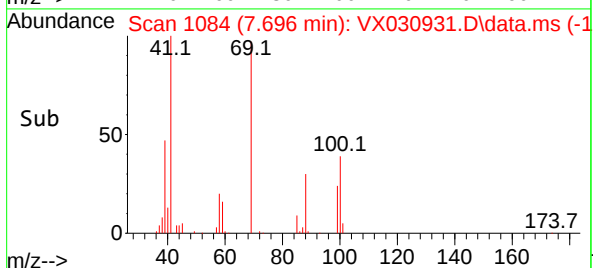
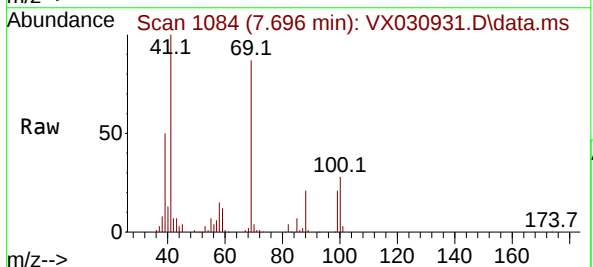
Manual Integrations
APPROVED

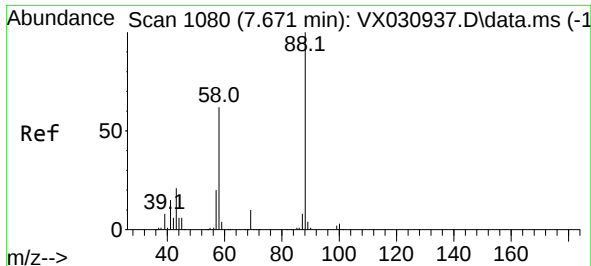
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#48
Methyl methacrylate
Concen: 19.619 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 41 Resp: 61382
Ion Ratio Lower Upper
41 100
69 88.5 68.8 103.2
39 49.7 44.6 66.8





#49

1,4-Dioxane

Concen: 394.009 ug/l

RT: 7.677 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 32194

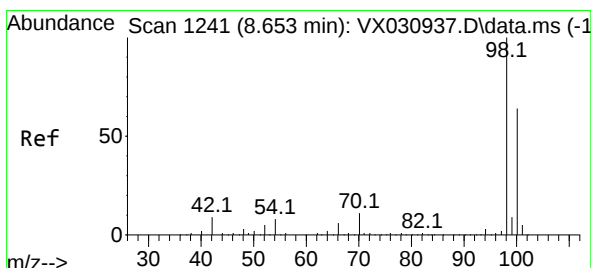
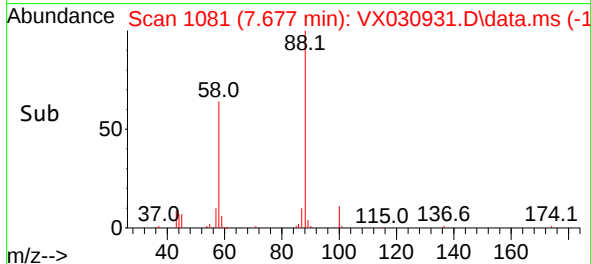
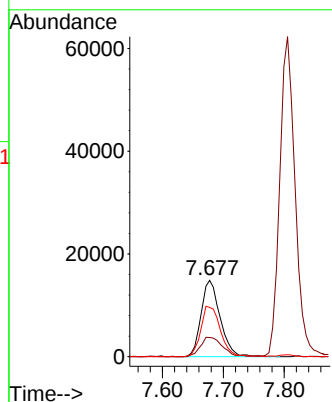
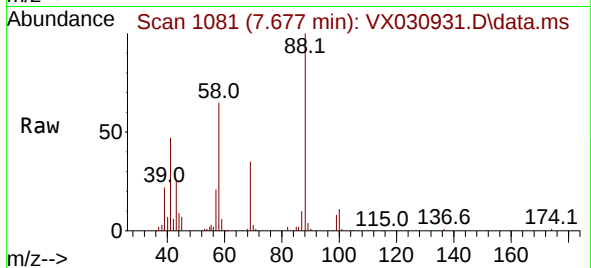
Ion	Ratio	Lower	Upper
88	100		
43	29.6	23.8	35.8
58	67.6	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#50

Toluene-d8

Concen: 21.242 ug/l

RT: 8.653 min Scan# 1241

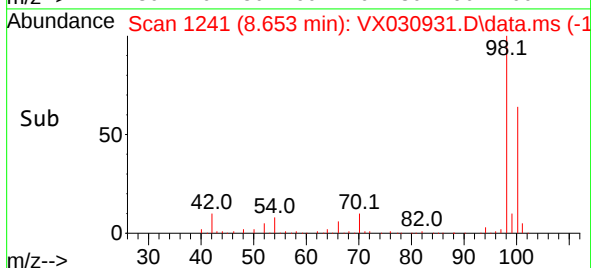
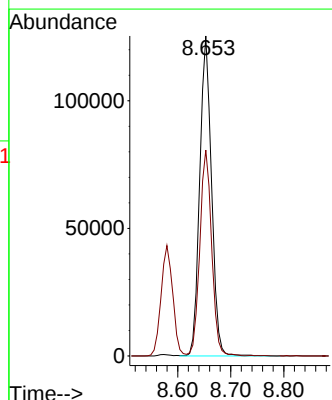
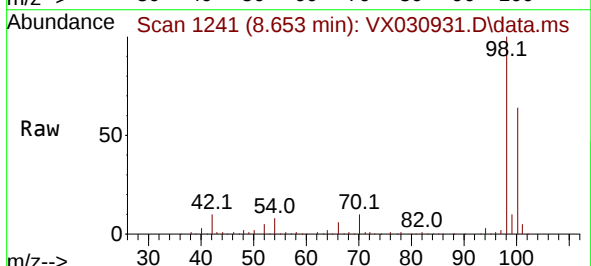
Delta R.T. -0.000 min

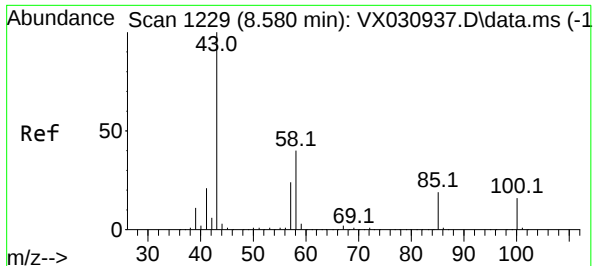
Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Tgt Ion: 98 Resp: 193786

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5





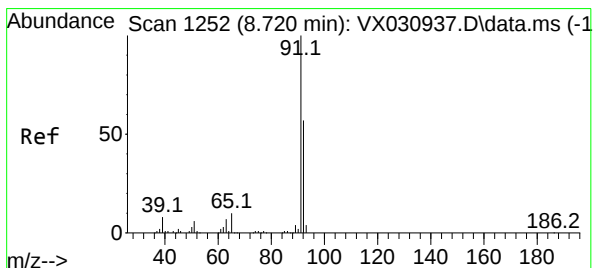
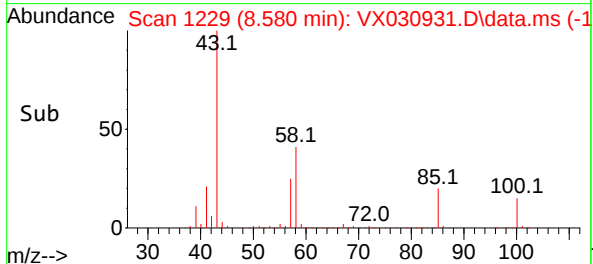
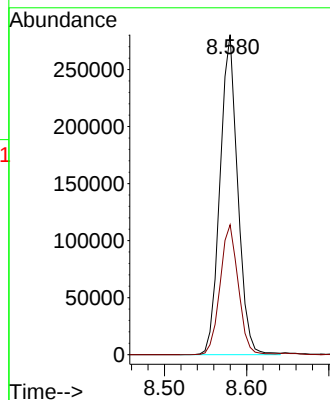
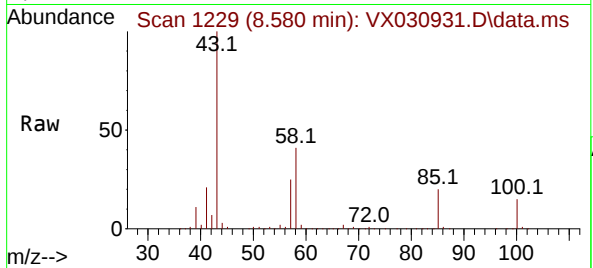
#51
4-Methyl-2-Pentanone
Concen: 101.152 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 419952
Ion Ratio Lower Upper
43 100
58 41.7 31.4 47.2

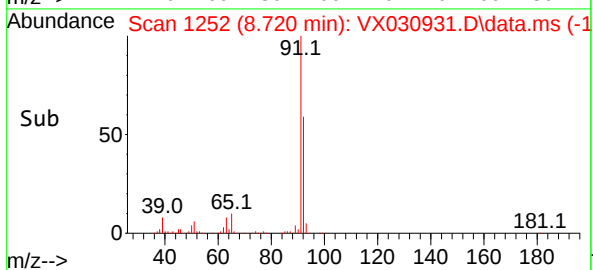
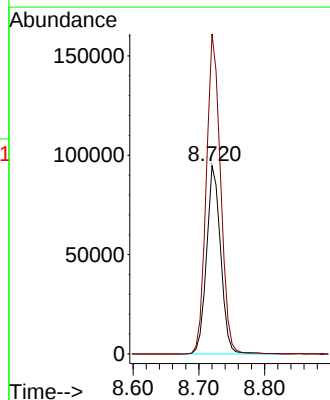
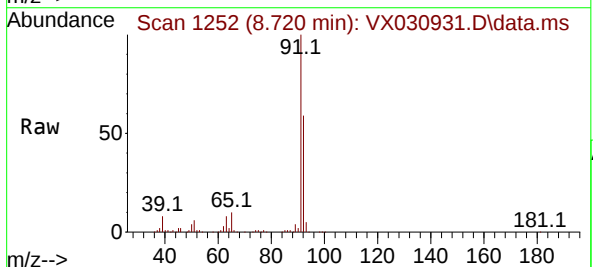
Manual Integrations
APPROVED

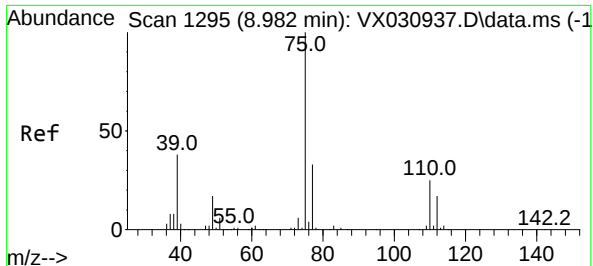
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#52
Toluene
Concen: 21.794 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 92 Resp: 140816
Ion Ratio Lower Upper
92 100
91 173.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.648 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 8117

Ion Ratio Lower Upper

75 100

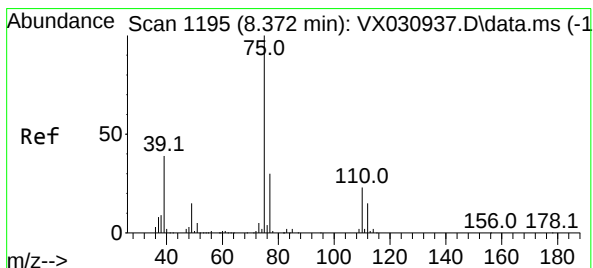
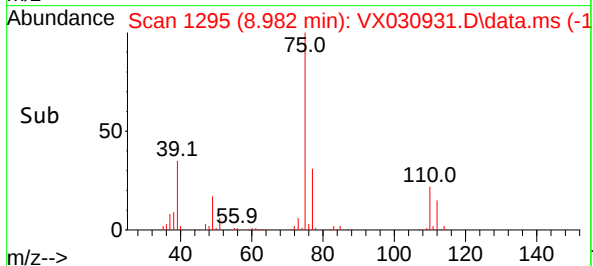
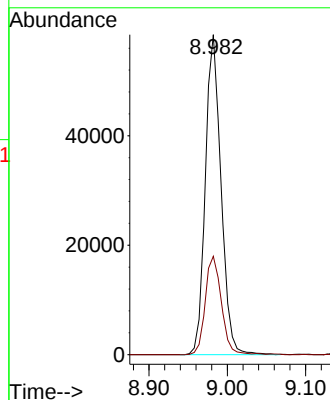
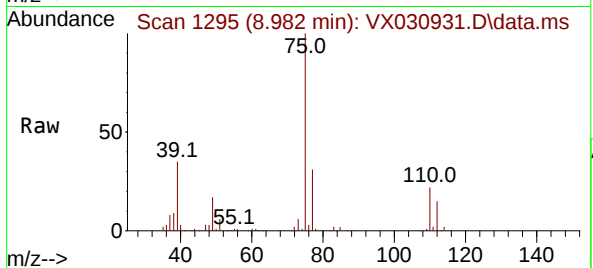
77 30.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#54

cis-1,3-Dichloropropene

Concen: 20.898 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

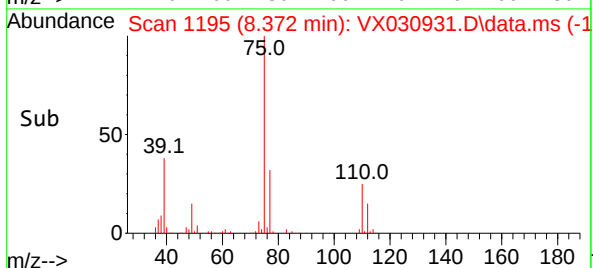
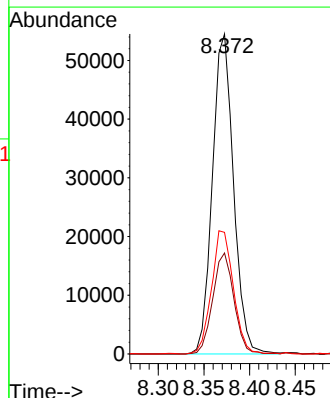
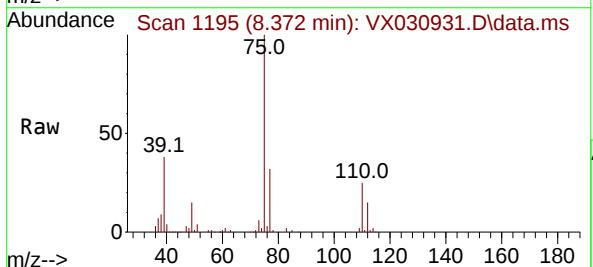
Tgt Ion: 75 Resp: 87527

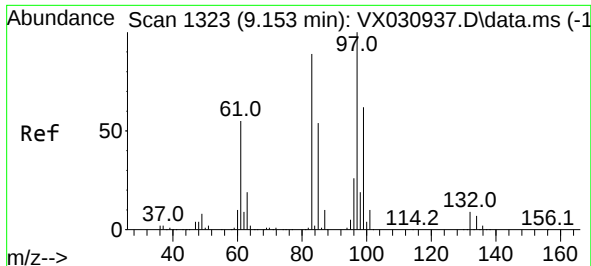
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

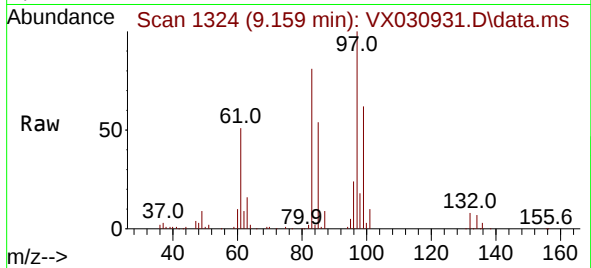
39 38.0 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 21.211 ug/l
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

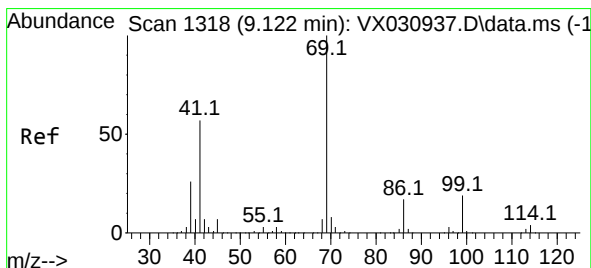
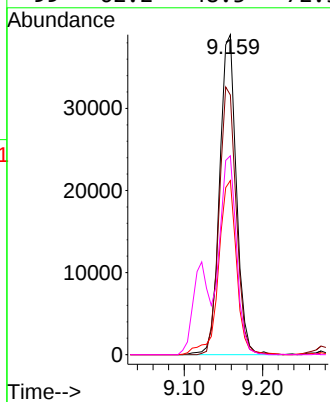
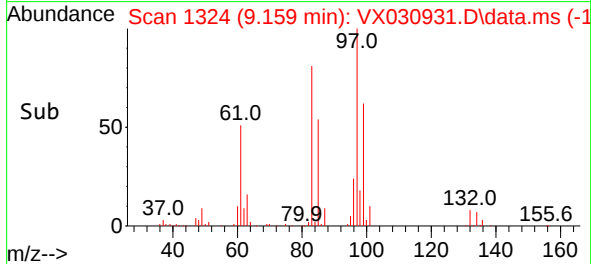
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 97 Resp: 57982
Ion Ratio Lower Upper
97 100
83 81.1 68.9 103.3
85 54.4 44.0 66.0
99 62.2 48.3 72.5

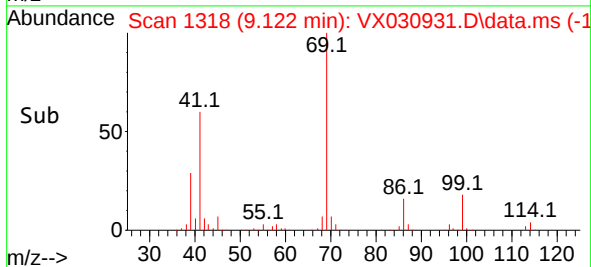
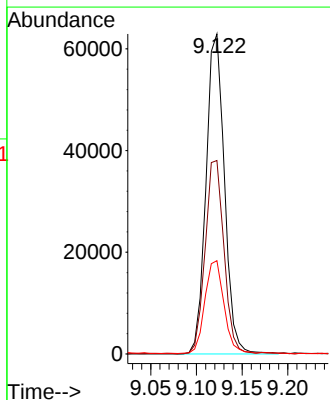
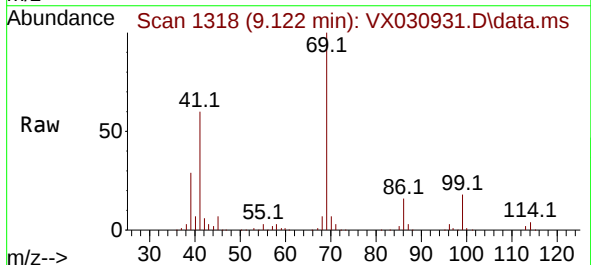
Manual Integrations
APPROVED

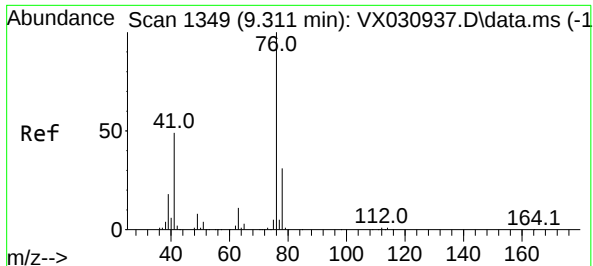
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#56
Ethyl methacrylate
Concen: 21.138 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion: 69 Resp: 88033
Ion Ratio Lower Upper
69 100
41 61.8 52.3 78.5
39 30.4 28.2 42.4





#57

1,3-Dichloropropane

Concen: 19.894 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 94592

Ion Ratio Lower Upper

76 100

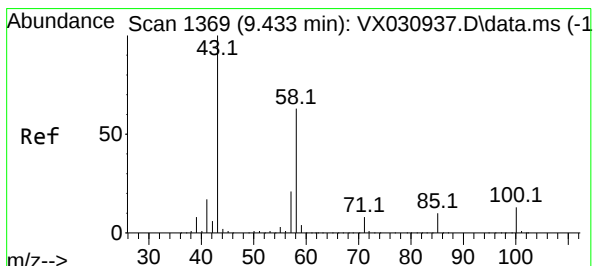
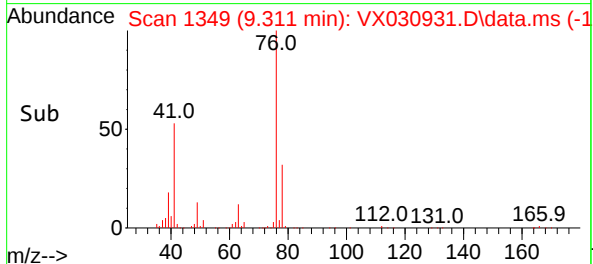
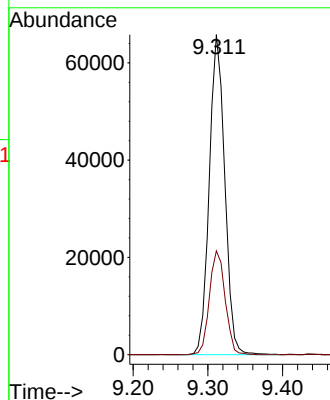
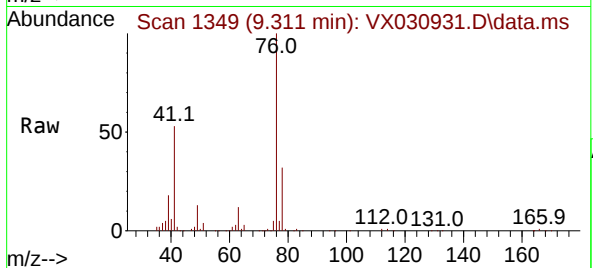
78 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#59

2-Hexanone

Concen: 99.423 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX030931.D

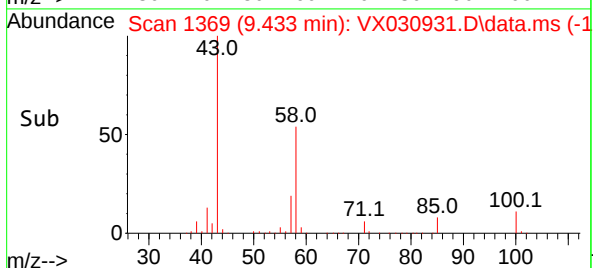
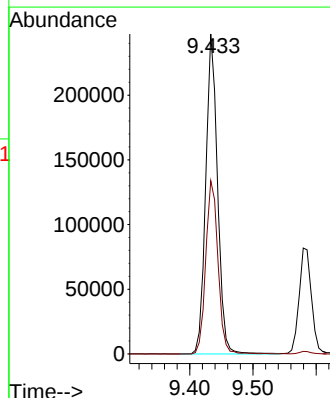
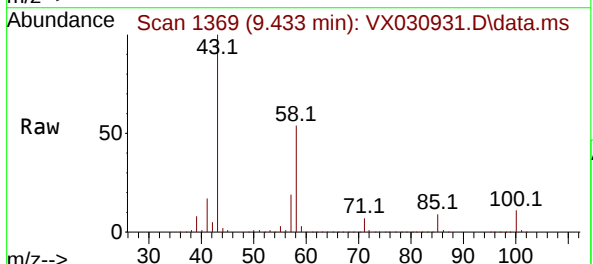
Acq: 30 Aug 2022 11:03

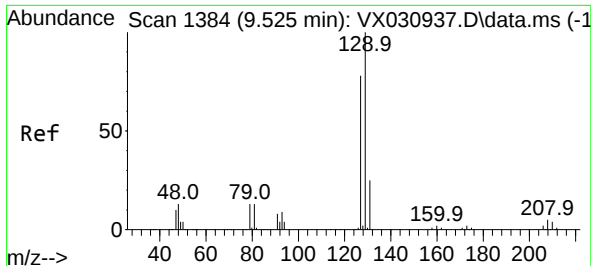
Tgt Ion: 43 Resp: 321989

Ion Ratio Lower Upper

43 100

58 55.9 27.6 82.8





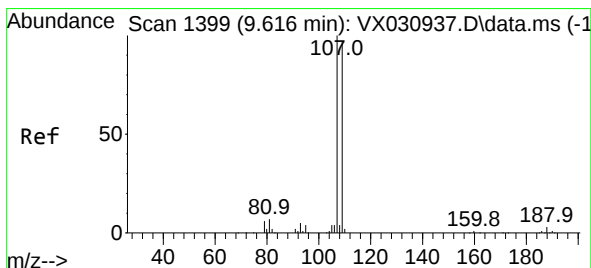
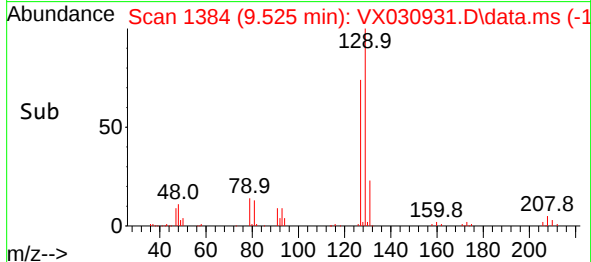
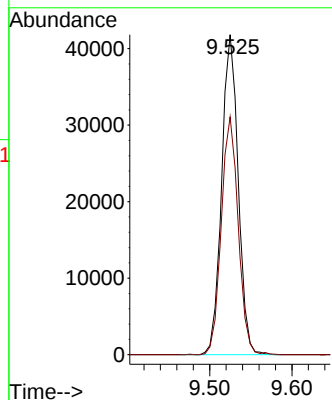
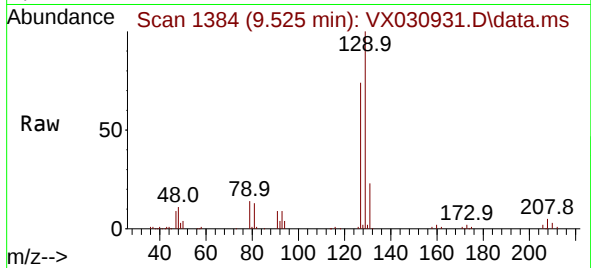
#60
Dibromochloromethane
Concen: 20.854 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:129 Resp: 58464
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

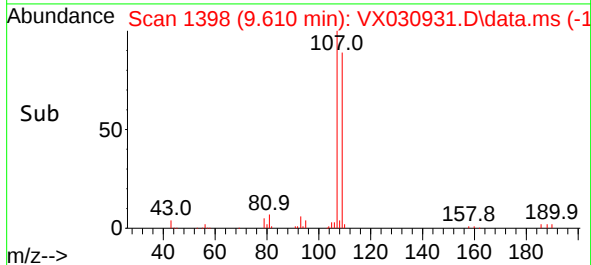
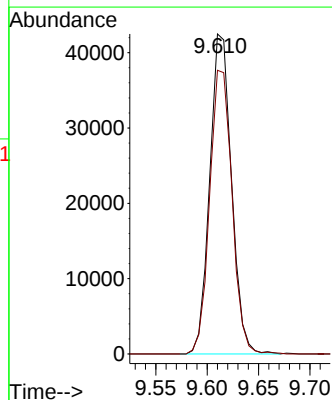
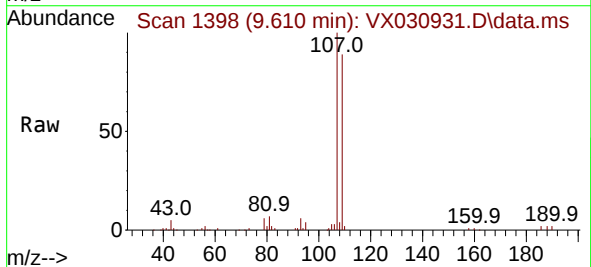
Manual Integrations
APPROVED

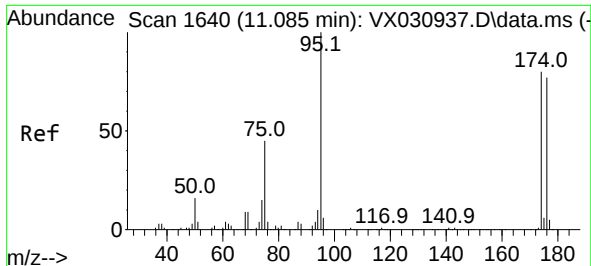
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#61
1,2-Dibromoethane
Concen: 21.132 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion:107 Resp: 62619
Ion Ratio Lower Upper
107 100
109 91.0 76.6 114.8





#62

4-Bromofluorobenzene

Concen: 22.483 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 95 Resp: 7275

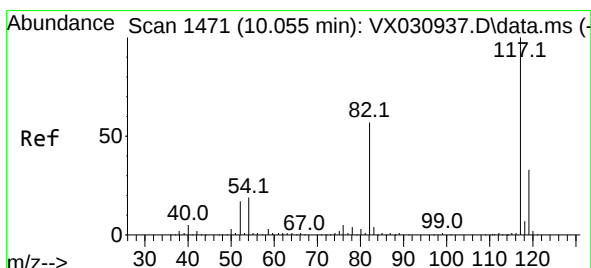
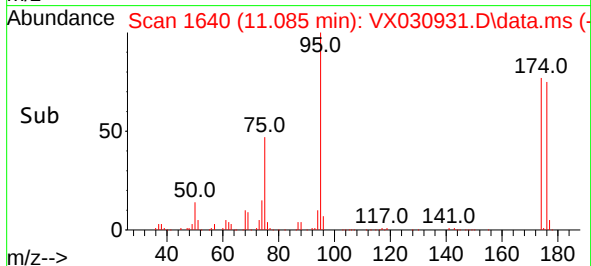
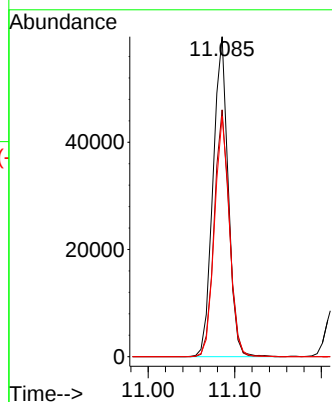
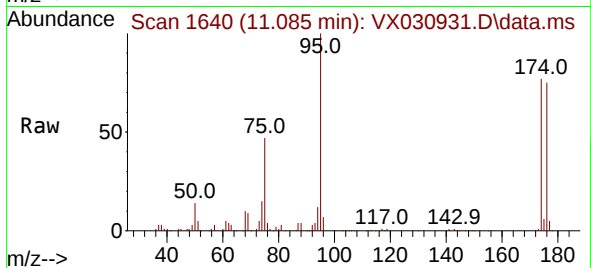
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	149.0
176	74.2	0.0	146.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

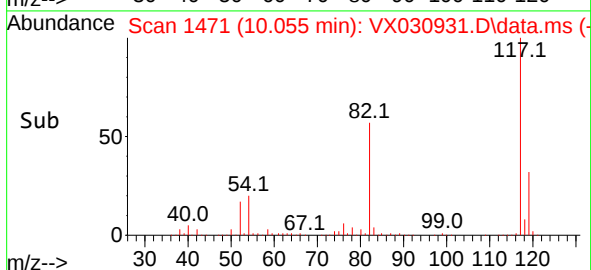
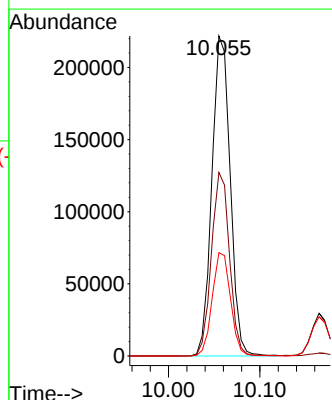
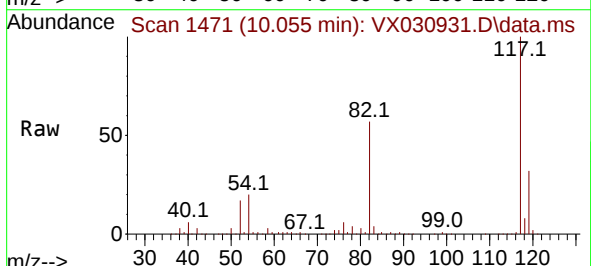
Delta R.T. 0.000 min

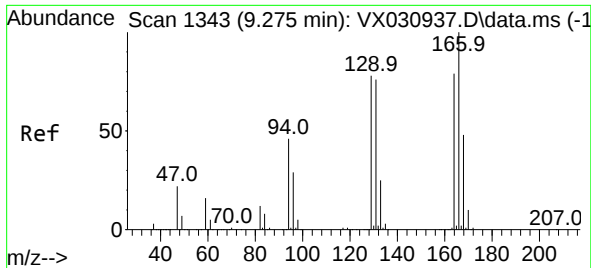
Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Tgt Ion:117 Resp: 308280

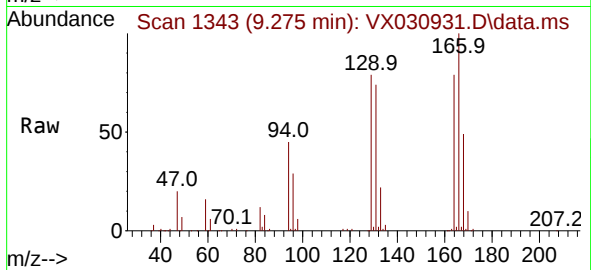
Ion	Ratio	Lower	Upper
117	100		
82	57.4	42.7	64.1
119	32.3	25.4	38.2





#64
Tetrachloroethene
Concen: 21.374 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

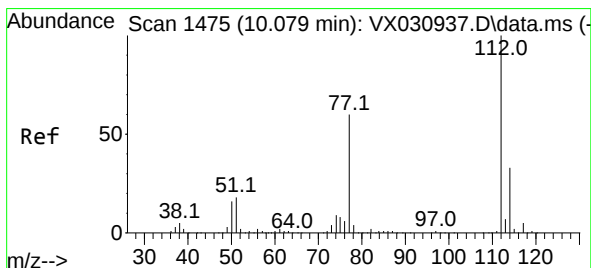
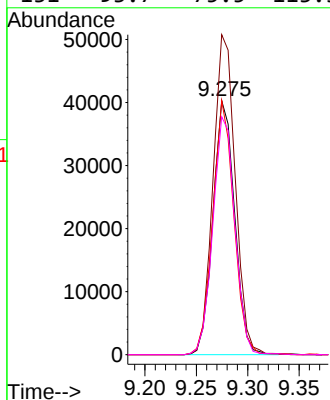
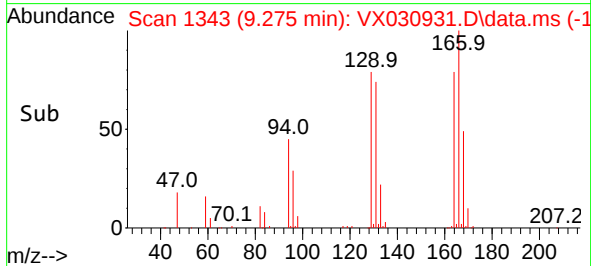
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



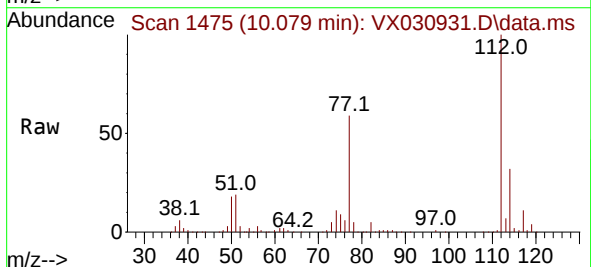
Tgt Ion:164 Resp: 5899
Ion Ratio Lower Upper
164 100
166 126.0 98.2 147.4
129 100.0 80.8 121.2
131 93.7 75.5 113.3

Manual Integrations
APPROVED

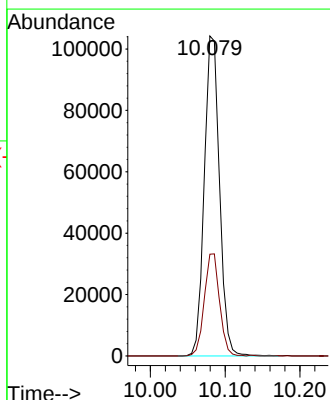
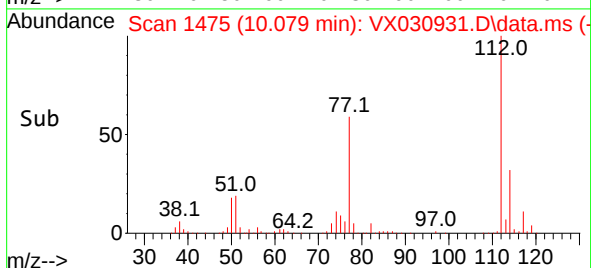
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

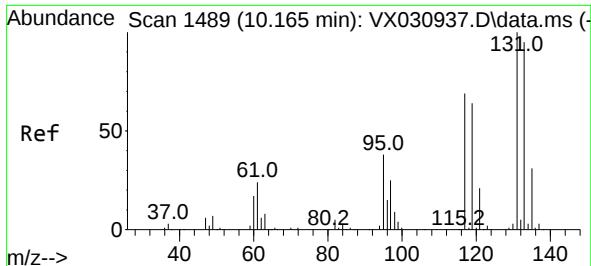


#65
Chlorobenzene
Concen: 20.997 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03



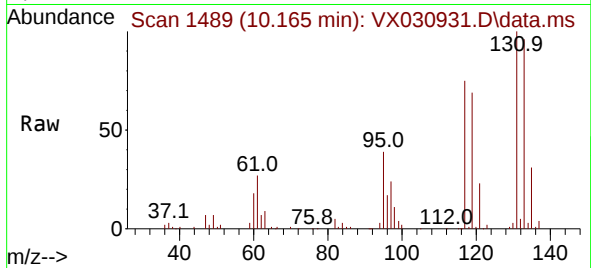
Tgt Ion:112 Resp: 147327
Ion Ratio Lower Upper
112 100
114 31.8 24.6 36.8





#66
 1,1,1,2-Tetrachloroethane
 Concen: 21.036 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX030931.D
 Acq: 30 Aug 2022 11:03

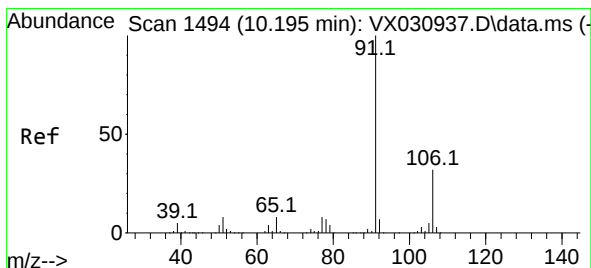
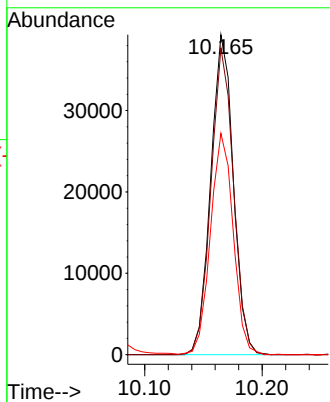
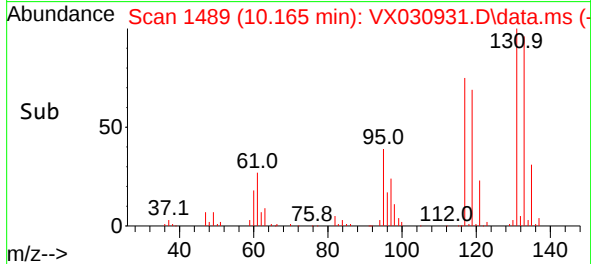
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



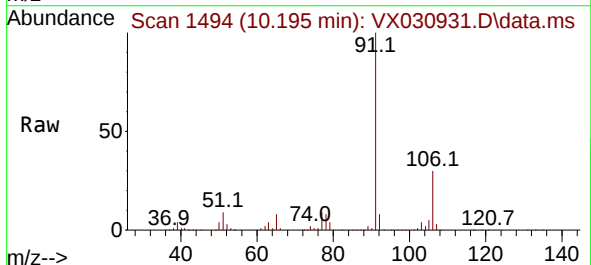
Tgt Ion:131 Resp: 5241
 Ion Ratio Lower Upper
 131 100
 133 95.9 46.9 140.8
 119 69.6 34.4 103.1

Manual Integrations
 APPROVED

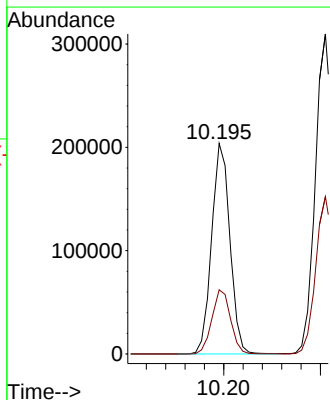
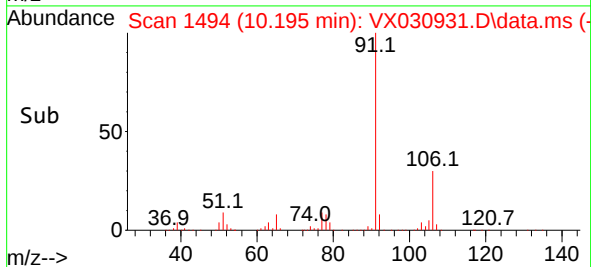
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022

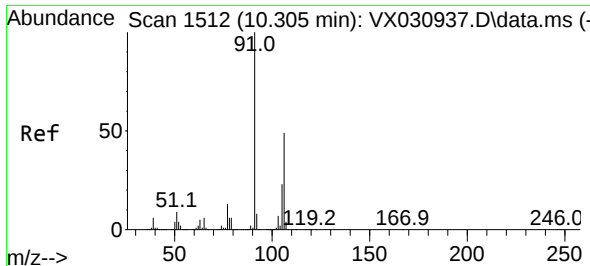


#67
 Ethyl Benzene
 Concen: 21.472 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX030931.D
 Acq: 30 Aug 2022 11:03



Tgt Ion: 91 Resp: 267142
 Ion Ratio Lower Upper
 91 100
 106 30.5 25.5 38.3





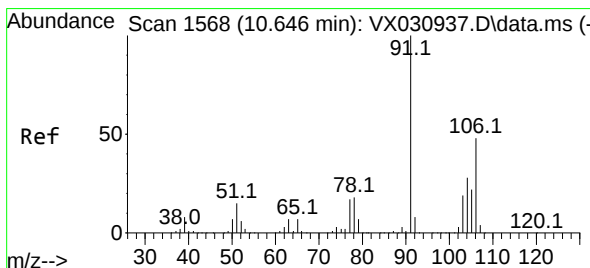
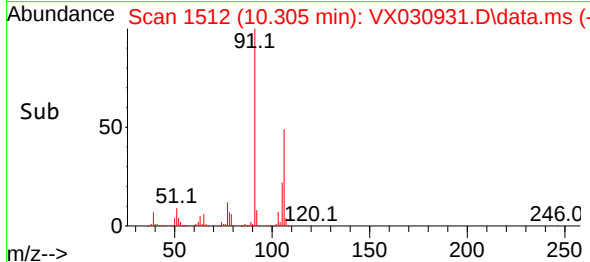
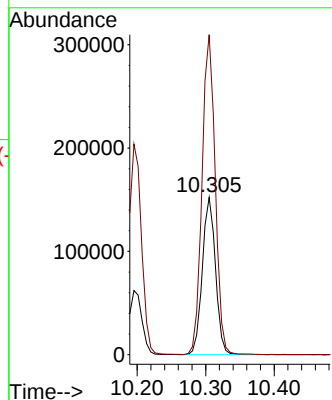
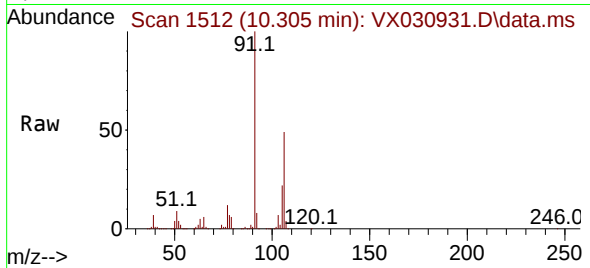
#68
m/p-Xylenes
Concen: 42.976 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 204033
Ion Ratio Lower Upper
106 100
91 204.0 158.2 237.4

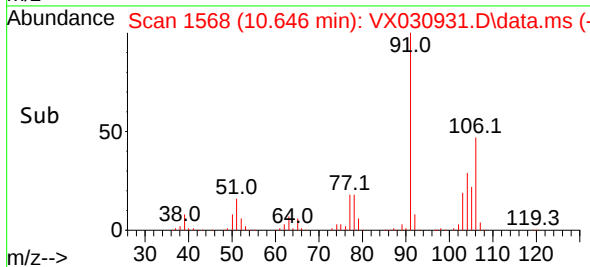
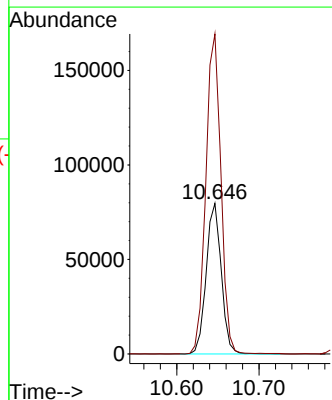
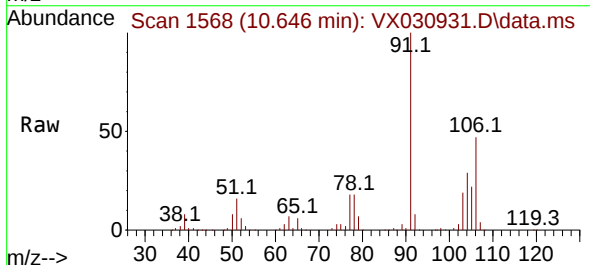
Manual Integrations
APPROVED

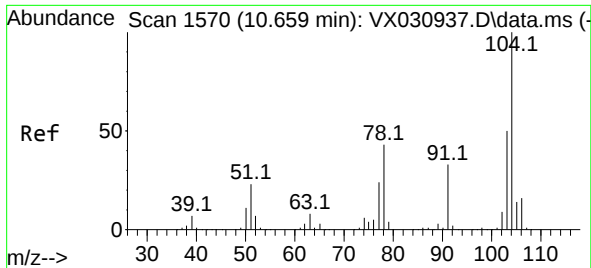
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#69
o-Xylene
Concen: 21.726 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion:106 Resp: 101439
Ion Ratio Lower Upper
106 100
91 213.2 103.8 311.6





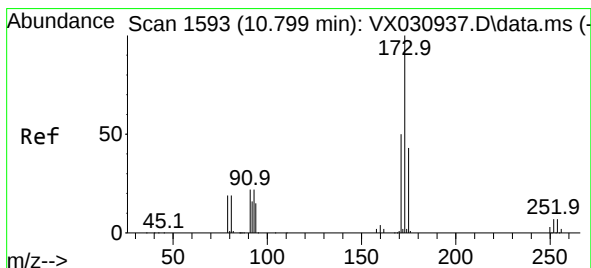
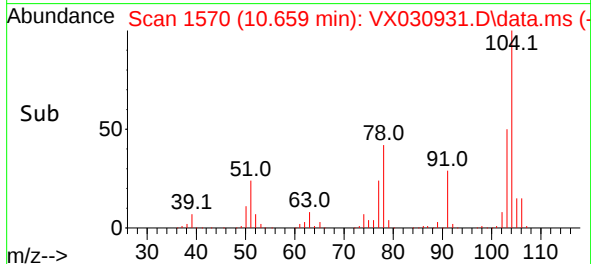
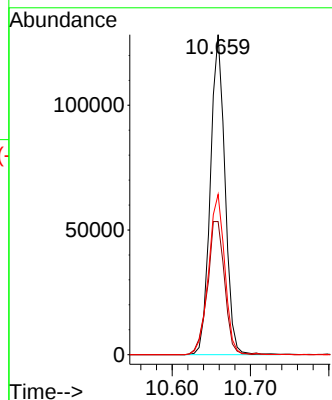
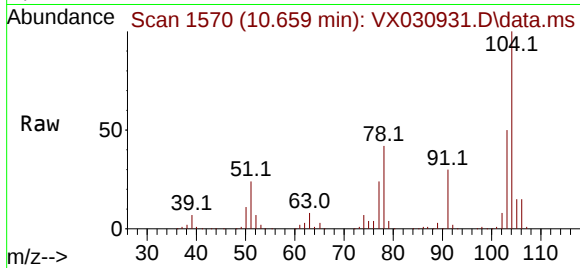
#70
Styrene
Concen: 21.562 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:104 Resp: 166169
Ion Ratio Lower Upper
104 100
78 48.8 37.8 56.8
103 55.3 44.5 66.7

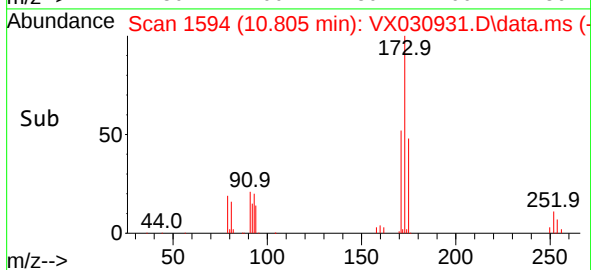
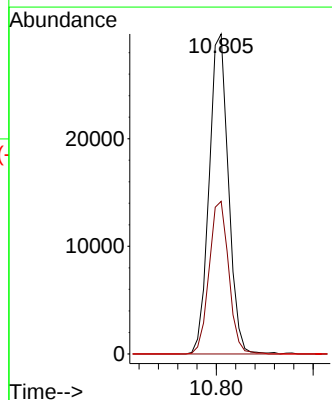
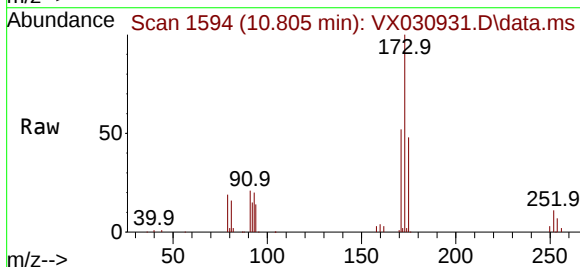
Manual Integrations
APPROVED

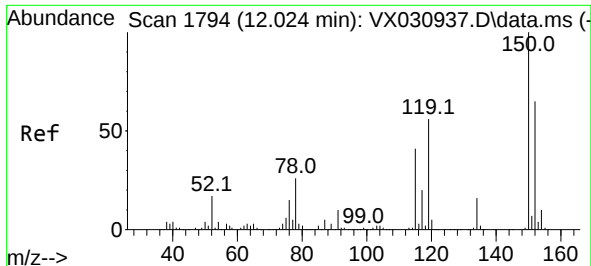
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#71
Bromoform
Concen: 21.155 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

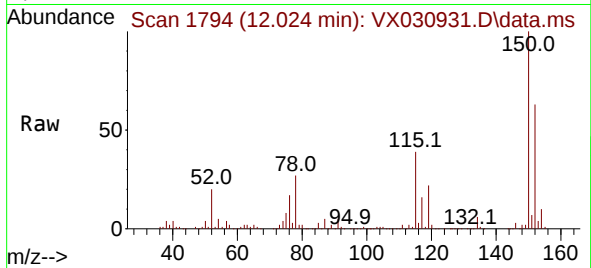
Tgt Ion:173 Resp: 41188
Ion Ratio Lower Upper
173 100
175 48.6 23.8 71.2
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

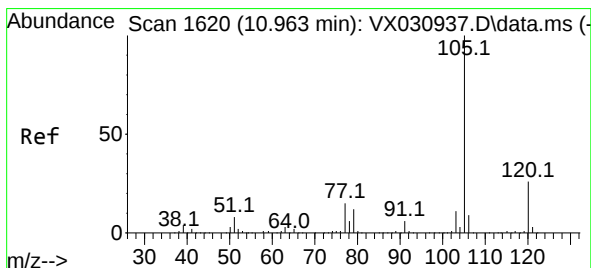
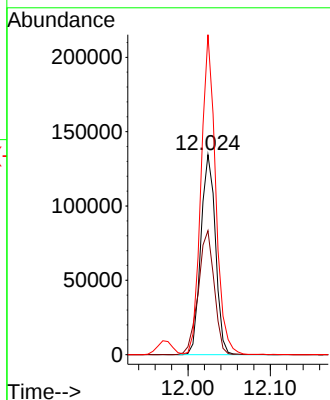
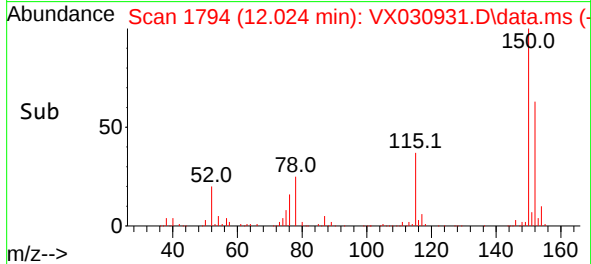
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



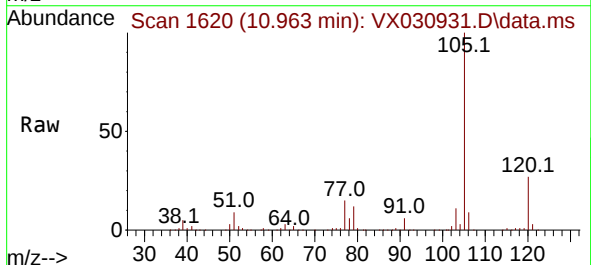
Tgt Ion:152 Resp: 165719
Ion Ratio Lower Upper
152 100
115 67.7 40.5 121.5
150 160.1 0.0 347.0

Manual Integrations
APPROVED

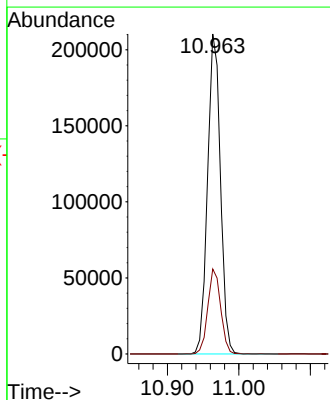
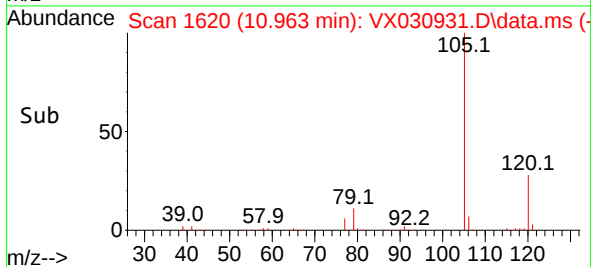
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

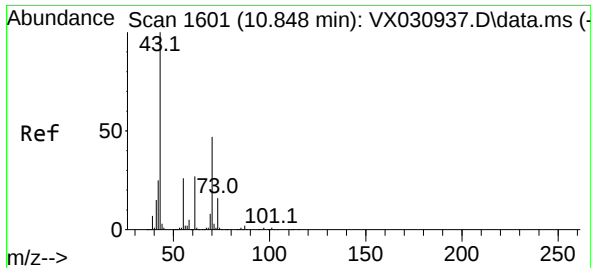


#73
Isopropylbenzene
Concen: 20.803 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03



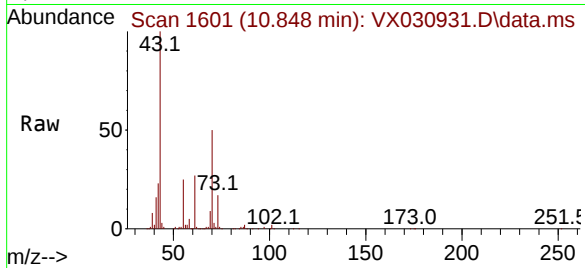
Tgt Ion:105 Resp: 262517
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4





#74
N-amy1 acetate
Concen: 20.186 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

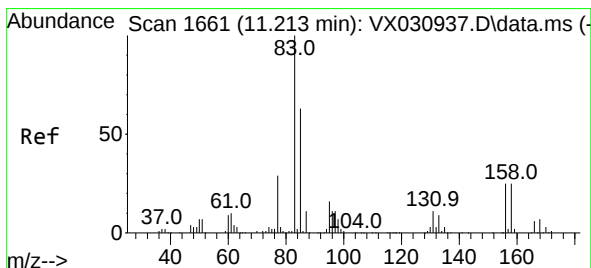
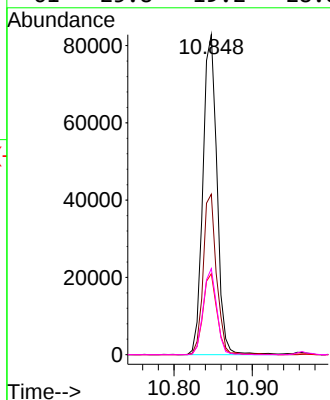
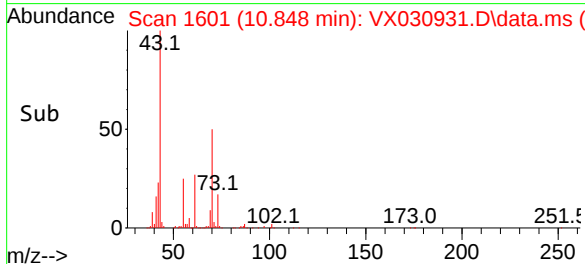
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



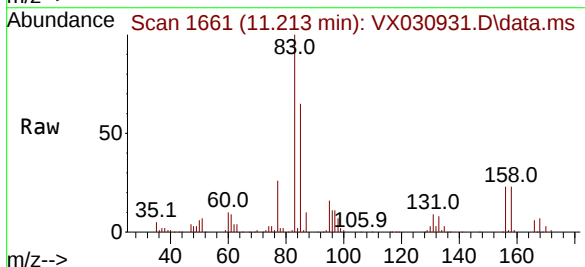
Tgt Ion: 43 Resp: 103110
Ion Ratio Lower Upper
43 100
70 47.3 32.3 48.5
55 25.1 18.4 27.6
61 25.8 19.2 28.8

Manual Integrations
APPROVED

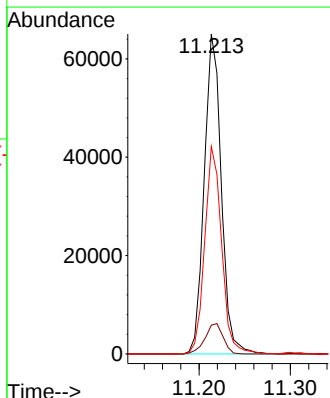
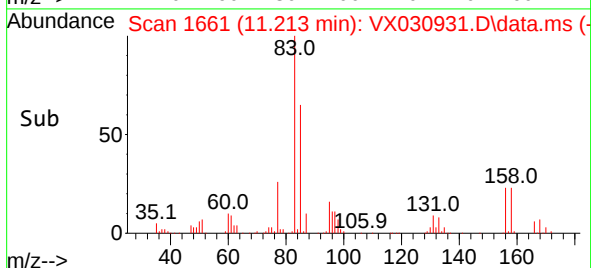
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

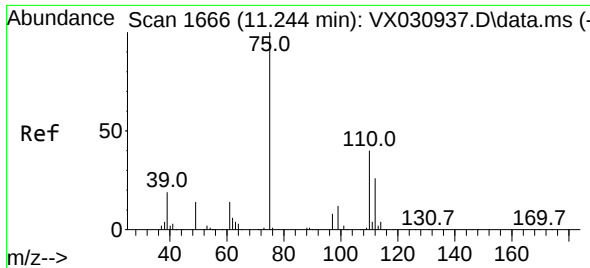


#75
1,1,2,2-Tetrachloroethane
Concen: 18.920 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03



Tgt Ion: 83 Resp: 84214
Ion Ratio Lower Upper
83 100
131 10.1 4.5 13.7
85 64.2 32.5 97.5





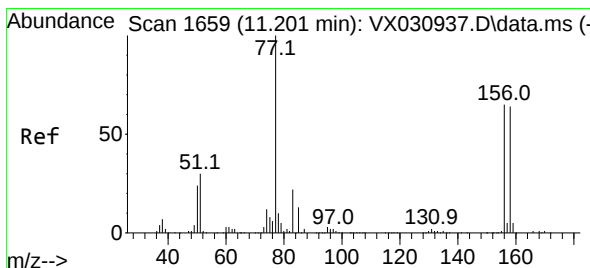
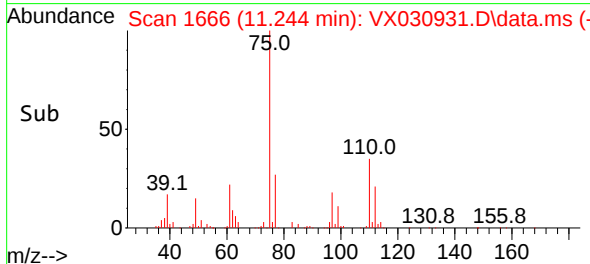
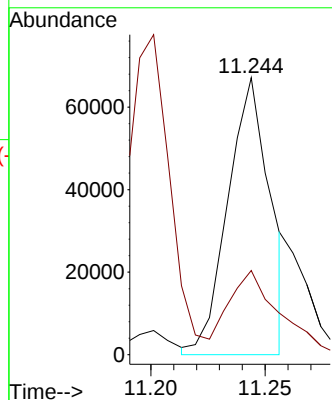
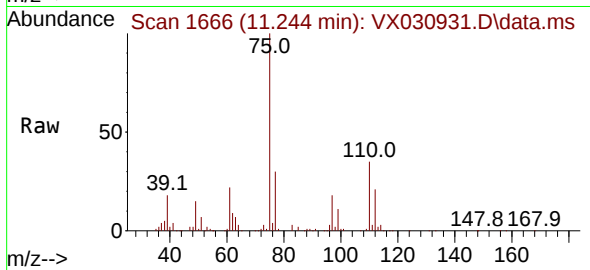
#76
1,2,3-Trichloropropane
Concen: 20.714 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 86179
Ion Ratio Lower Upper
75 100
77 36.6 19.8 59.3

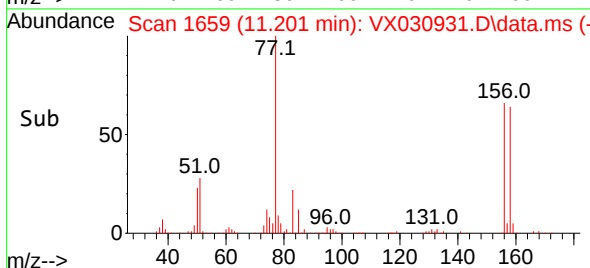
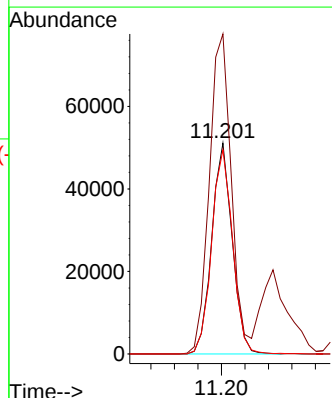
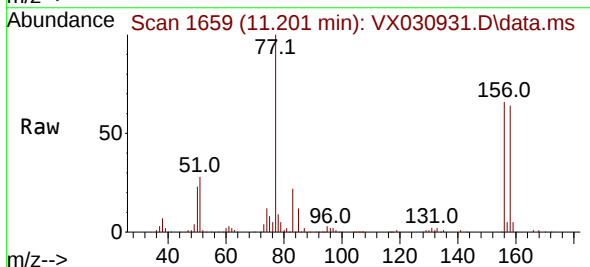
Manual Integrations
APPROVED

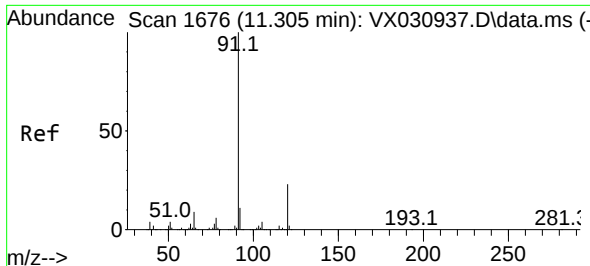
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#77
Bromobenzene
Concen: 20.230 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

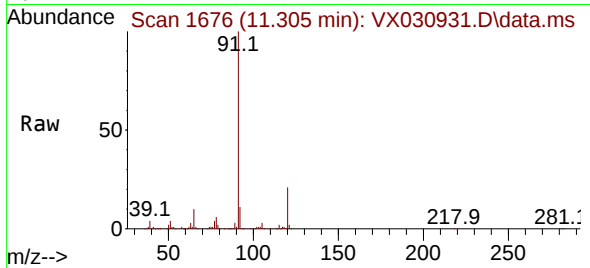
Tgt Ion:156 Resp: 61832
Ion Ratio Lower Upper
156 100
77 162.9 82.7 247.9
158 99.3 47.5 142.5





#78
n-propylbenzene
Concen: 21.105 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

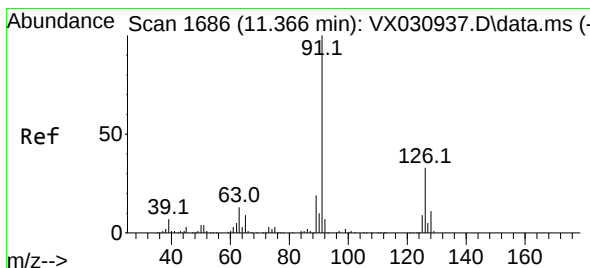
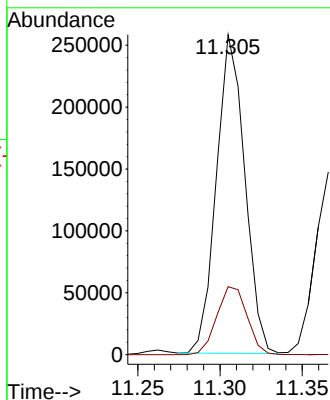
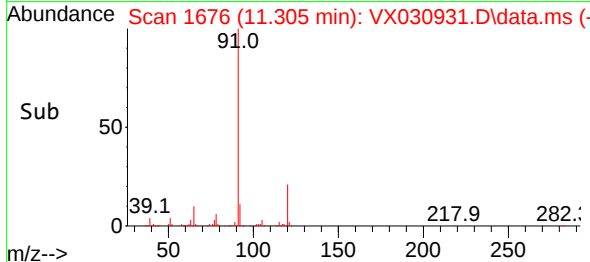
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 309160
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

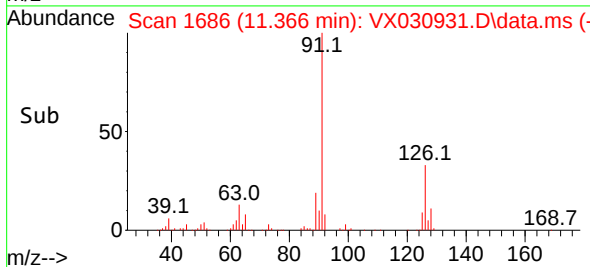
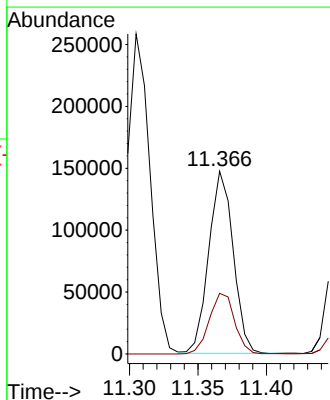
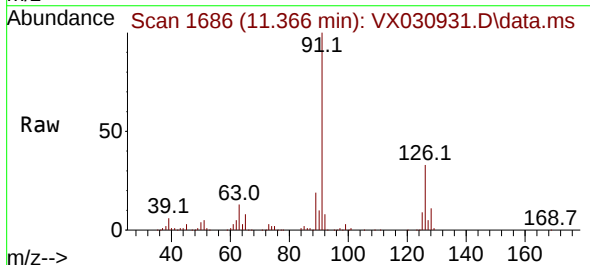
Manual Integrations
APPROVED

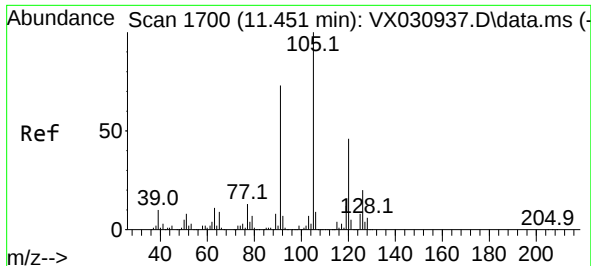
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#79
2-Chlorotoluene
Concen: 19.980 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

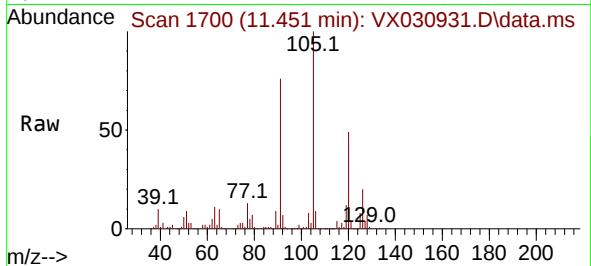
Tgt Ion: 91 Resp: 182625
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3





#80
1,3,5-Trimethylbenzene
Concen: 20.562 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

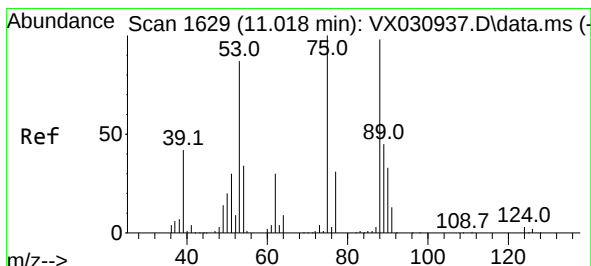
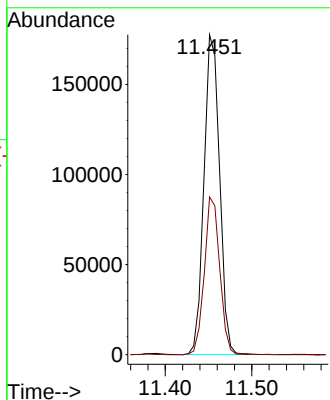
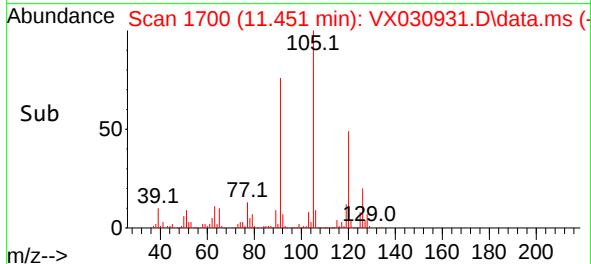
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 22216
Ion Ratio Lower Upper
105 100
120 48.7 24.4 73.2

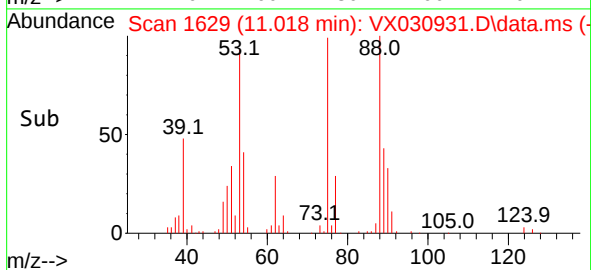
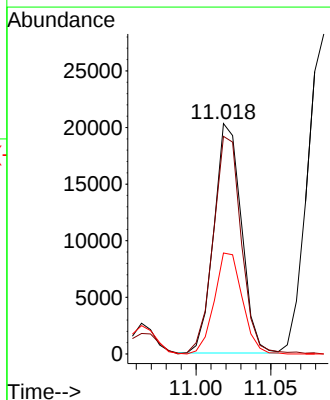
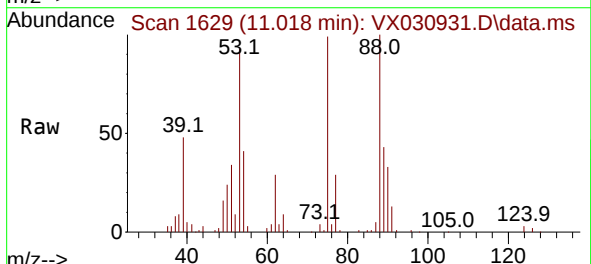
Manual Integrations
APPROVED

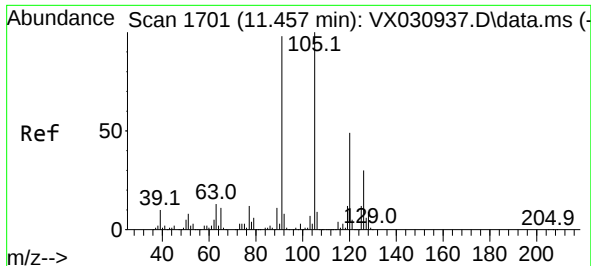
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 20.344 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

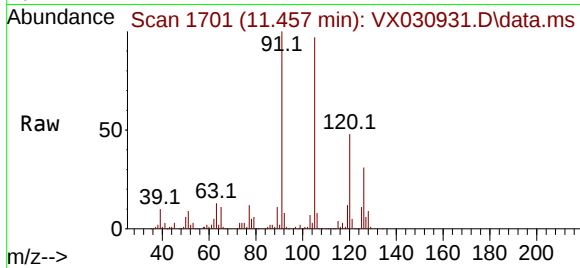
Tgt Ion: 75 Resp: 25835
Ion Ratio Lower Upper
75 100
53 97.3 74.2 111.4
89 45.0 34.8 52.2





#82
4-Chlorotoluene
Concen: 20.253 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

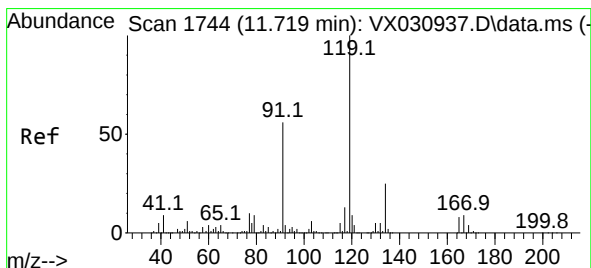
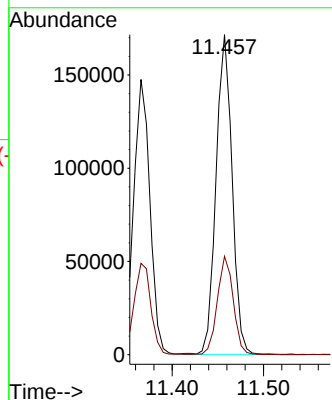
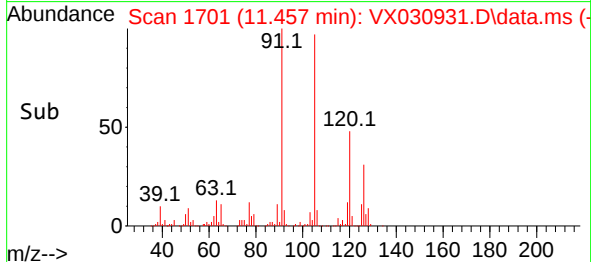
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



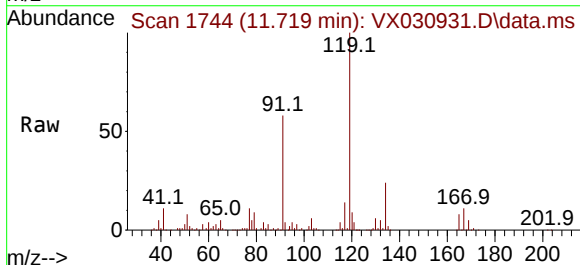
Tgt Ion: 91 Resp: 209298
Ion Ratio Lower Upper
91 100
126 30.5 15.3 45.9

Manual Integrations
APPROVED

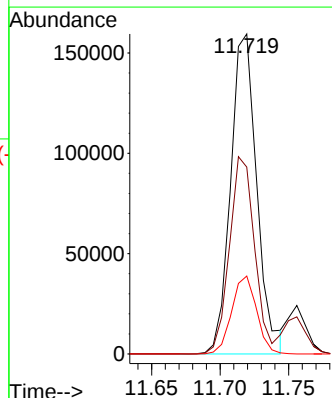
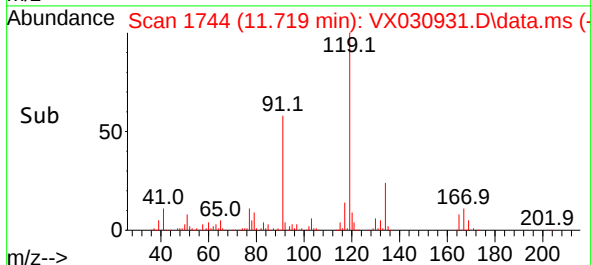
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

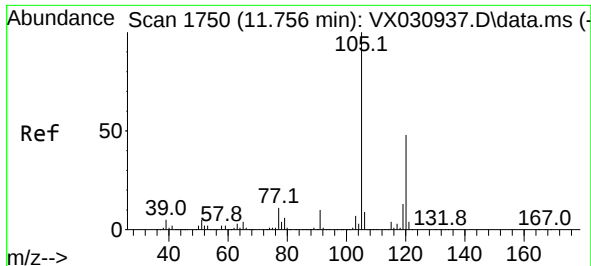


#83
tert-Butylbenzene
Concen: 20.461 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03



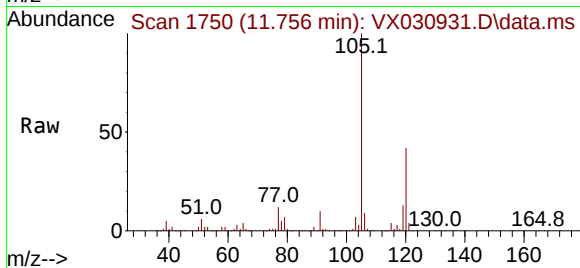
Tgt Ion:119 Resp: 212432
Ion Ratio Lower Upper
119 100
91 59.0 28.3 84.9
134 23.1 11.2 33.5





#84
1,2,4-Trimethylbenzene
Concen: 20.880 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

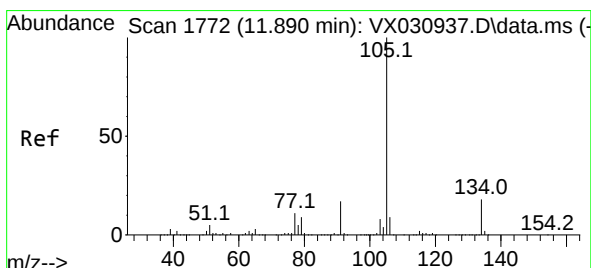
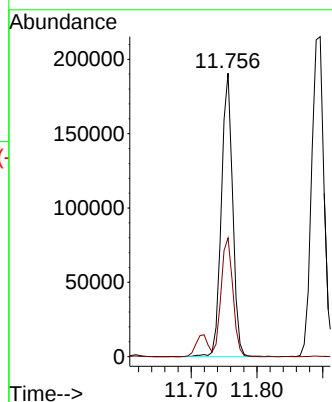
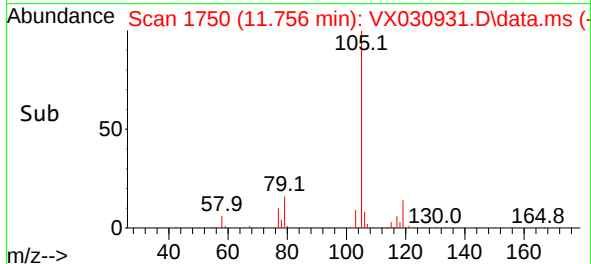
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



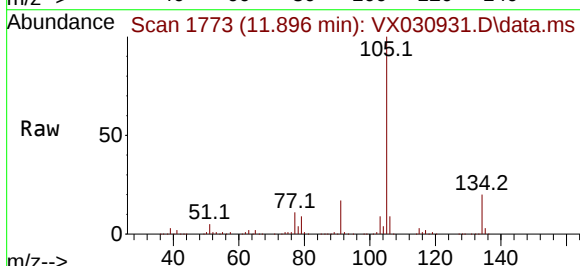
Tgt Ion:105 Resp: 228660
Ion Ratio Lower Upper
105 100
120 43.6 22.9 68.8

Manual Integrations
APPROVED

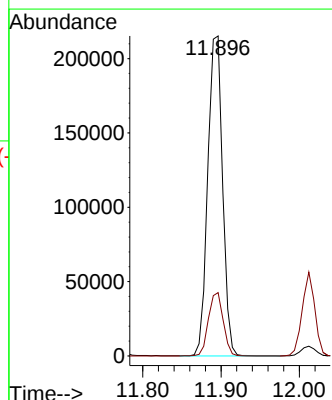
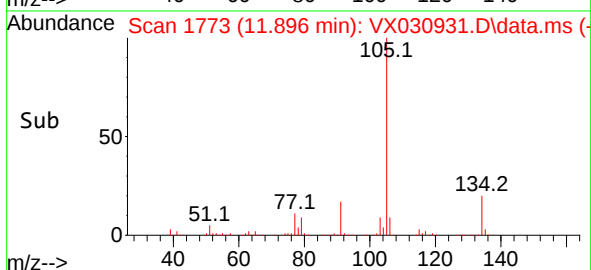
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

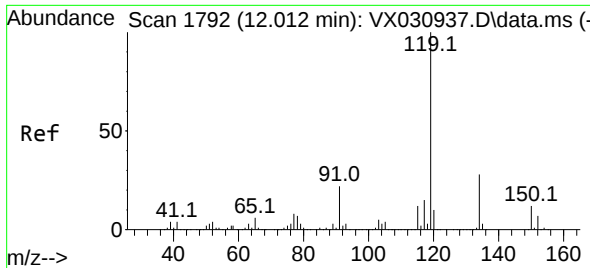


#85
sec-Butylbenzene
Concen: 20.586 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03



Tgt Ion:105 Resp: 282044
Ion Ratio Lower Upper
105 100
134 19.7 10.0 30.0





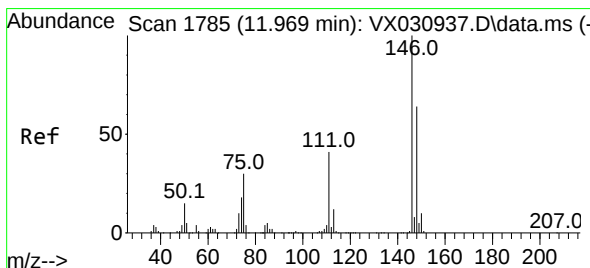
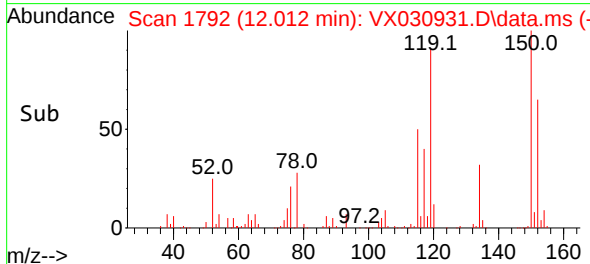
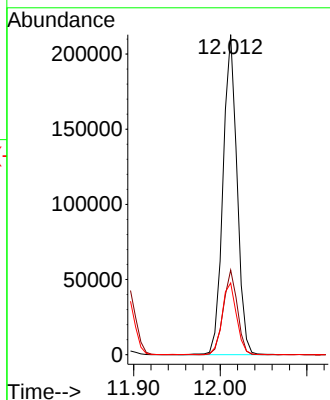
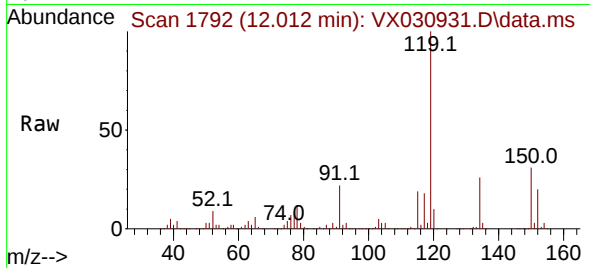
#86
p-Isopropyltoluene
Concen: 21.266 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 23919
Ion Ratio Lower Upper
119 100
134 26.4 13.9 41.6
91 23.3 11.8 35.3

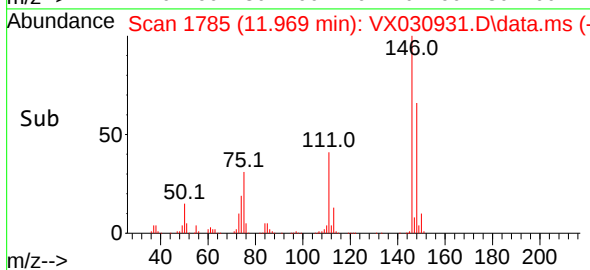
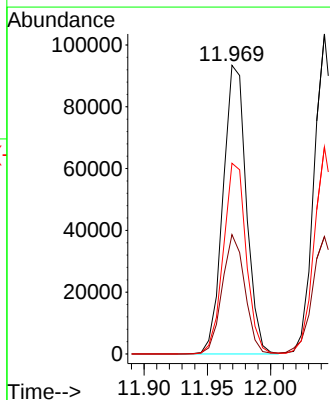
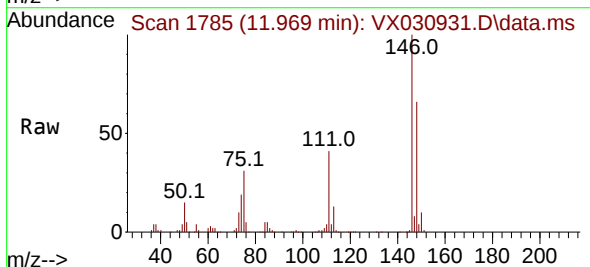
Manual Integrations
APPROVED

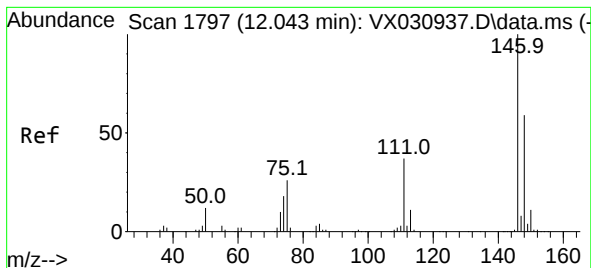
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#87
1,3-Dichlorobenzene
Concen: 19.878 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Tgt Ion:146 Resp: 119494
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 64.8 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 19.863 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 12358

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.9

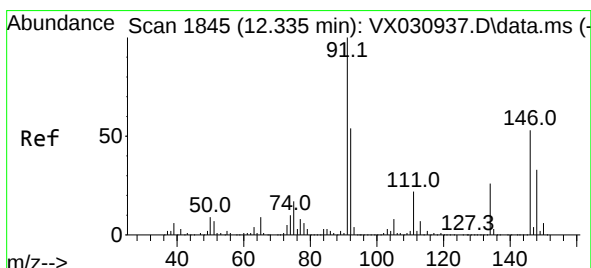
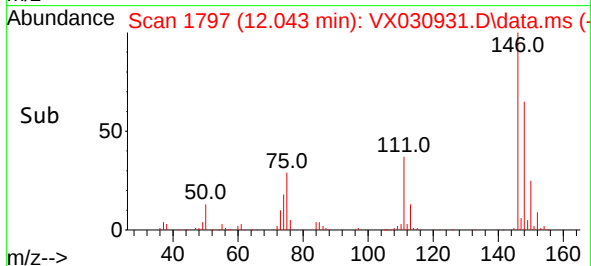
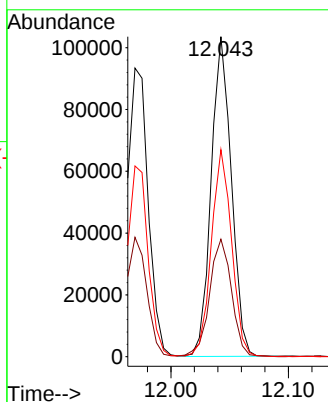
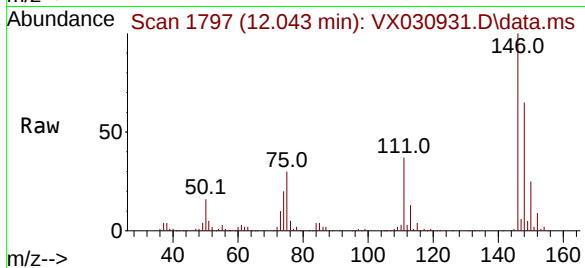
148 65.2 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#89

n-Butylbenzene

Concen: 21.686 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030931.D

Acq: 30 Aug 2022 11:03

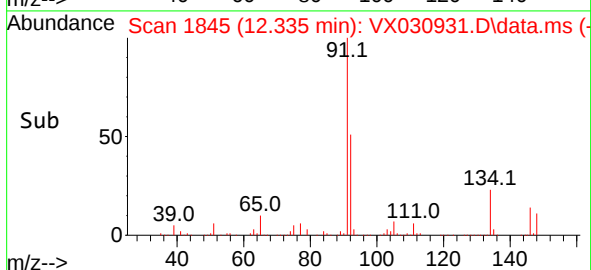
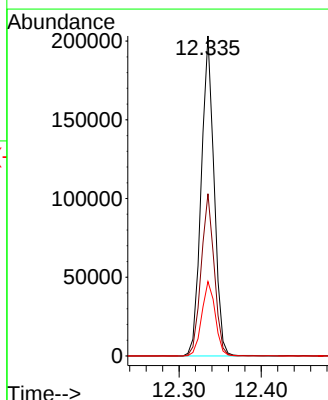
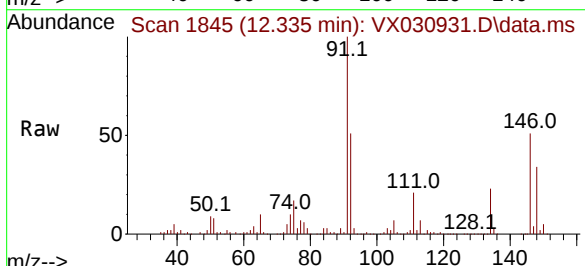
Tgt Ion: 91 Resp: 221264

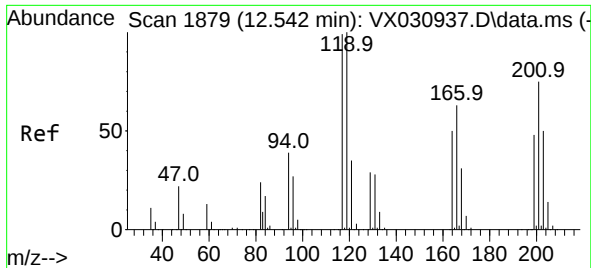
Ion Ratio Lower Upper

91 100

92 51.3 26.2 78.5

134 24.3 12.6 37.8





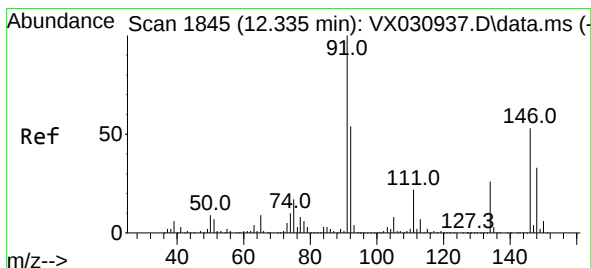
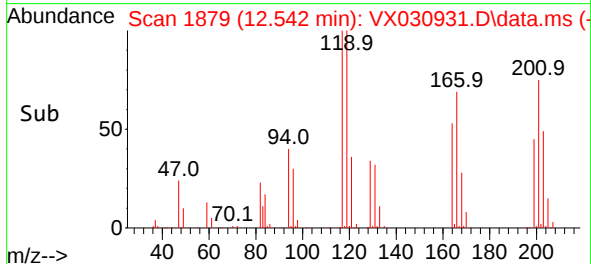
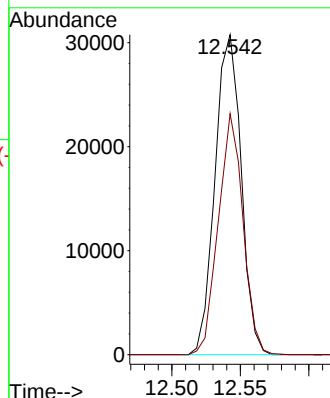
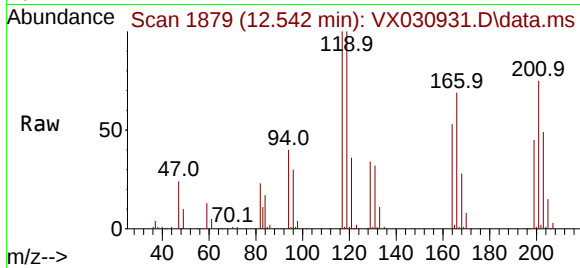
#90
Hexachloroethane
Concen: 20.287 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 40858
Ion Ratio Lower Upper
117 100
201 71.2 34.2 102.5

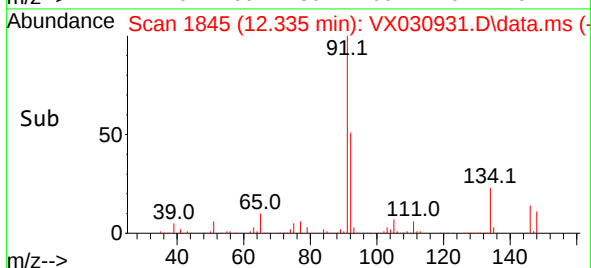
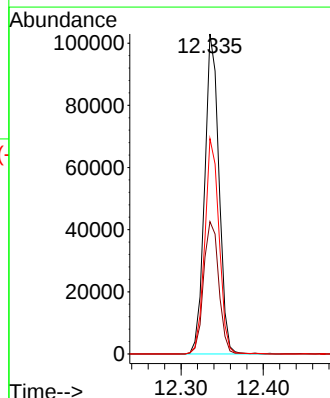
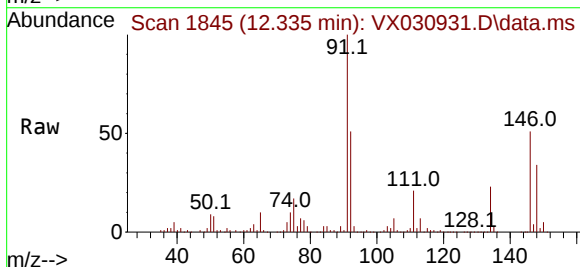
Manual Integrations
APPROVED

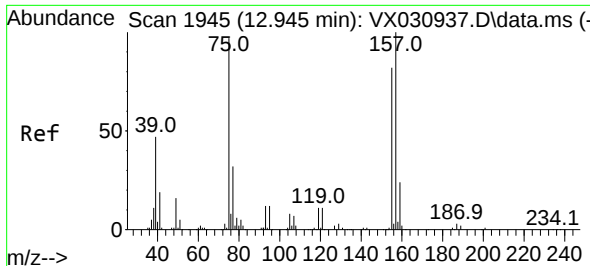
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#91
1,2-Dichlorobenzene
Concen: 20.462 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

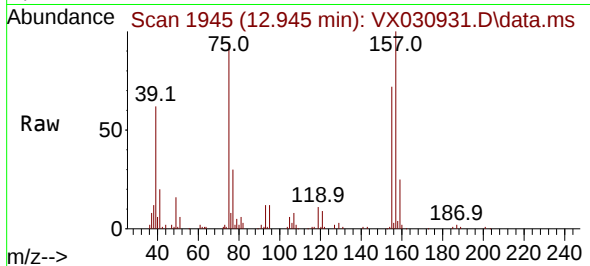
Tgt Ion:146 Resp: 124184
Ion Ratio Lower Upper
146 100
111 44.0 20.7 62.1
148 67.3 32.0 96.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 19.490 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

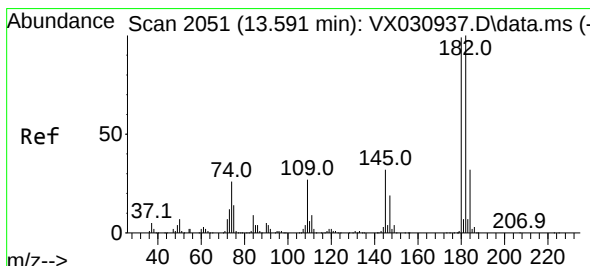
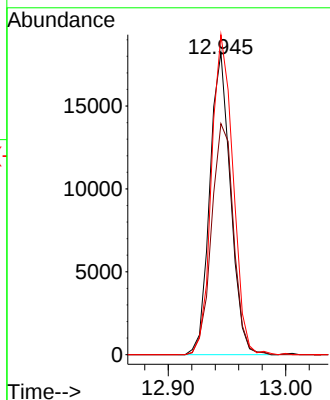
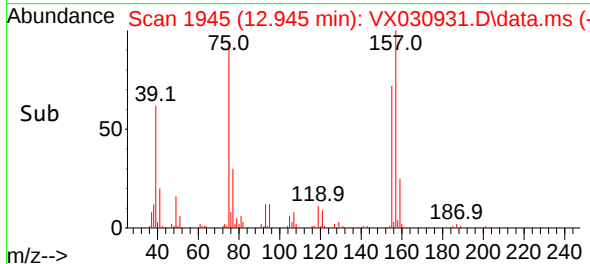
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



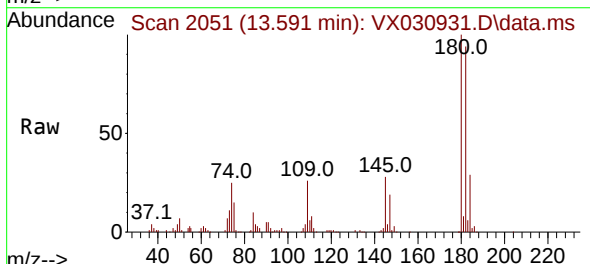
Tgt Ion: 75 Resp: 22310
Ion Ratio Lower Upper
75 100
155 81.5 45.0 134.8
157 110.3 56.9 170.7

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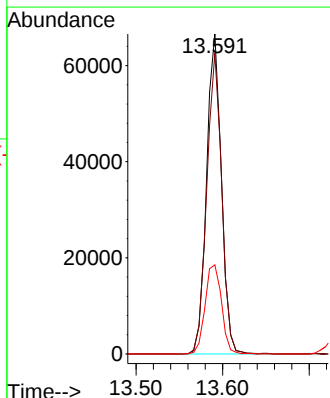
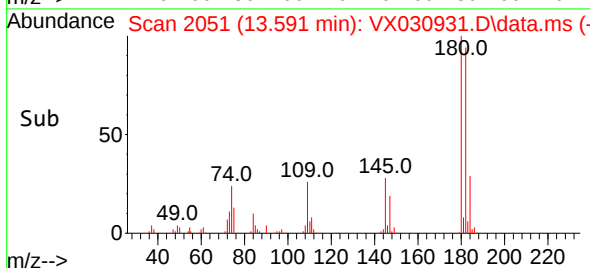
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

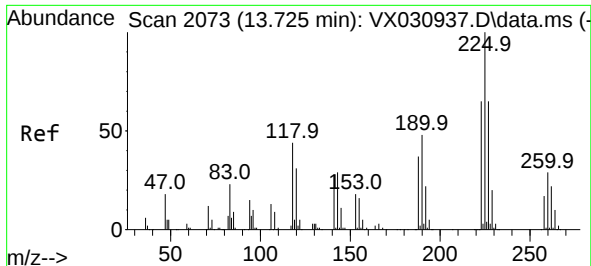


#93
1,2,4-Trichlorobenzene
Concen: 20.720 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03



Tgt Ion:180 Resp: 79038
Ion Ratio Lower Upper
180 100
182 94.9 48.2 144.6
145 30.9 15.9 47.6





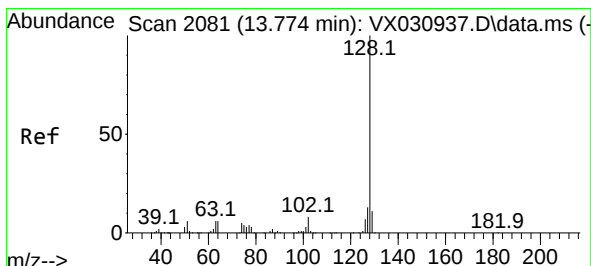
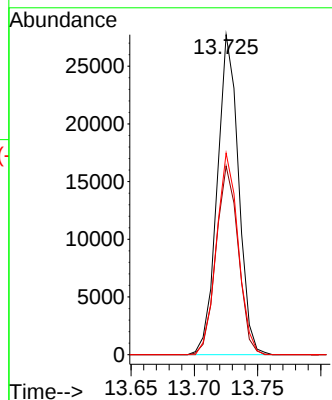
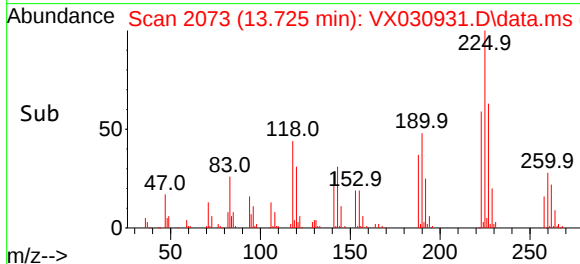
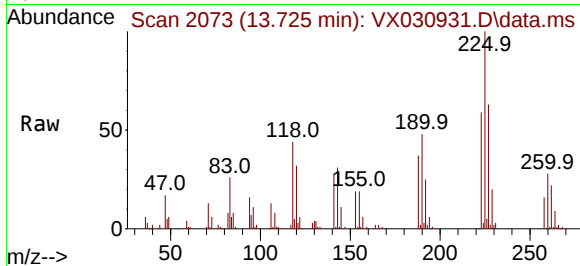
#94
Hexachlorobutadiene
Concen: 20.713 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:225 Resp: 32450
Ion Ratio Lower Upper
225 100
223 61.2 30.6 91.6
227 64.4 31.9 95.9

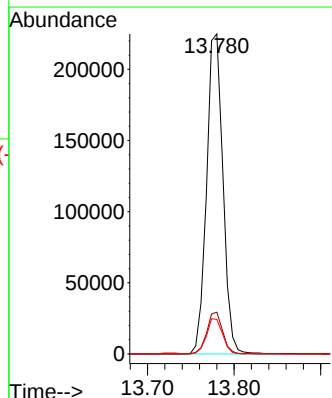
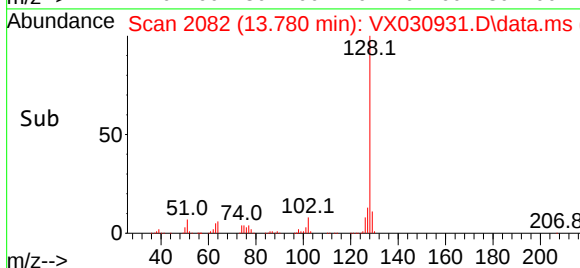
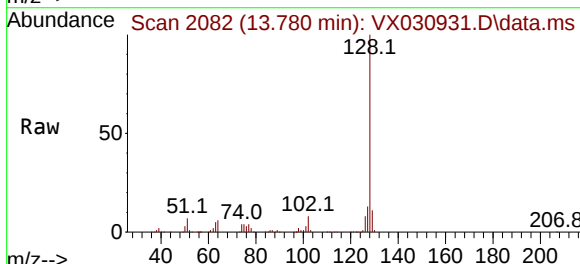
Manual Integrations
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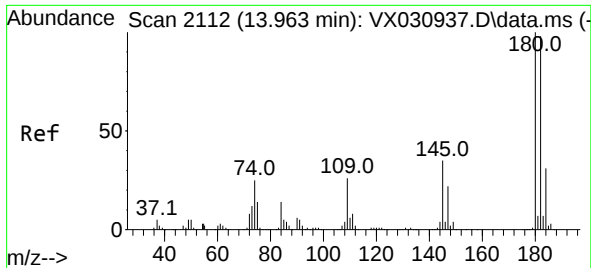
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#95
Naphthalene
Concen: 21.530 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX030931.D
Acq: 30 Aug 2022 11:03

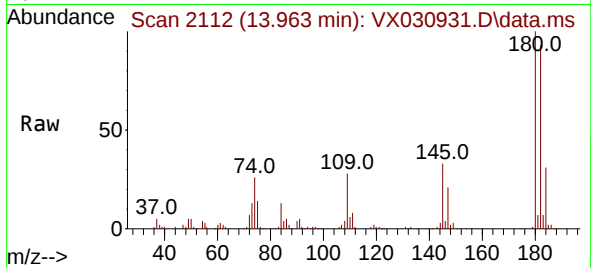
Tgt Ion:128 Resp: 294769
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 21.880 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX030931.D
 Acq: 30 Aug 2022 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion:180 Resp: 8303
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.0 141.0
 145 31.9 17.0 50.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022

